

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084755.D
 Acq On : 2 Feb 2016 19:36
 Operator : SJ/IZ
 Sample : PB88135BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88135BS

Quant Time: Feb 03 00:18:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	170074	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	702796	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	333511	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	657295	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	467949	20.00	ng	-0.02
86) Perylene-d12	15.23	264	410492	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1186933	108.70	ng	-0.01
7) Phenol-d6	6.35	99	1615928	119.38	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1039901	83.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	460288	132.31	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	1808333	95.10	ng	-0.02
78) Terphenyl-d14	12.81	244	1878189	90.95	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.26	88	139060	29.08	ng	# 72
3) Pyridine	2.92	79	448208	35.97	ng	# 75
4) n-Nitrosodimethylamine	2.88	42	243847	37.83	ng	82
6) Aniline	6.36	93	228422	13.79	ng	# 1
8) 2-Chlorophenol	6.49	128	492142	39.82	ng	97
9) Benzaldehyde	6.24	77	203470	25.45	ng	93
10) Phenol	6.36	94	495511	32.68	ng	# 73
11) bis(2-Chloroethyl)ether	6.44	93	434939	36.78	ng	85
12) 1,3-Dichlorobenzene	6.64	146	479156	36.69	ng	# 95
13) 1,4-Dichlorobenzene	6.72	146	496809	38.06	ng	95
14) 1,2-Dichlorobenzene	6.86	146	424005	34.87	ng	95
15) Benzyl Alcohol	6.85	79	367978	39.37	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.99	45	721484	36.27	ng	87
17) 2-Methylphenol	6.98	107	399383	40.86	ng	# 94
18) Hexachloroethane	7.21	117	185383	36.88	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	343280	40.46	ng	# 78
20) 3+4-Methylphenols	7.13	107	483555	39.86	ng	# 80
22) Acetophenone	7.12	105	663498	35.82	ng	99
24) Nitrobenzene	7.29	77	470040	35.18	ng	97
25) Isophorone	7.53	82	899507	37.08	ng	97
26) 2-Nitrophenol	7.61	139	263696	40.02	ng	# 90
27) 2,4-Dimethylphenol	7.65	122	423442	36.95	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	534838	37.16	ng	99
29) 2,4-Dichlorophenol	7.86	162	387467	39.51	ng	93
30) 1,2,4-Trichlorobenzene	7.93	180	400540	36.16	ng	96
31) Naphthalene	8.01	128	1297387	36.80	ng	99
32) Benzoic acid	7.79	122	256017	34.92	ng	94
33) 4-Chloroaniline	8.06	127	112907	7.74	ng	95
34) Hexachlorobutadiene	8.13	225	245747	38.48	ng	99
35) Caprolactam	8.44	113	88651	29.33	ng	# 59
36) 4-Chloro-3-methylphenol	8.57	107	479129	42.83	ng	98
37) 2-Methylnaphthalene	8.70	142	954559	43.26	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	358218	33.82	ng	98
40) Hexachlorocyclopentadiene	8.85	237	364880	78.60	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	271545	39.79	ng	92
43) 2,4,5-Trichlorophenol	9.04	196	277742	40.06	ng	93
45) 1,1'-Biphenyl	9.16	154	1066865	35.81	ng	98
46) 2-Chloronaphthalene	9.18	162	781128	35.61	ng	96
47) 2-Nitroaniline	9.29	65	249380	35.90	ng	98
48) Acenaphthylene	9.61	152	1274432	38.28	ng	99
49) Dimethylphthalate	9.48	163	1027873	40.46	ng	# 91
50) 2,6-Dinitrotoluene	9.54	165	238529	42.99	ng	96
51) Acenaphthene	9.77	154	824130	38.05	ng	97
52) 3-Nitroaniline	9.70	138	65702	10.54	ng	# 89
53) 2,4-Dinitrophenol	9.81	184	228521	88.56	ng	# 86
54) Dibenzofuran	9.95	168	1194114	45.11	ng	100
55) 4-Nitrophenol	9.88	139	293567	64.06	ng	# 77
56) 2,4-Dinitrotoluene	9.94	165	286933	40.54	ng	# 82
57) Fluorene	10.28	166	864555	39.11	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	232090	43.97	ng	91
59) Diethylphthalate	10.18	149	1032781	41.64	ng	96
60) 4-Chlorophenyl-phenylether	10.28	204	407500	43.66	ng	97
61) 4-Nitroaniline	10.32	138	213922	35.21	ng	92
62) Azobenzene	10.44	77	1072626	44.97	ng	91
64) 4,6-Dinitro-2-methylphenol	10.35	198	171372	42.24	ng	80
65) n-Nitrosodiphenylamine	10.41	169	878822	42.11	ng	98
66) 4-Bromophenyl-phenylether	10.77	248	291707	40.18	ng	99
67) Hexachlorobenzene	10.83	284	286753	36.25	ng	# 87
68) Atrazine	10.93	200	247826	37.60	ng	97
69) Pentachlorophenol	11.04	266	293760	79.02	ng	98
70) Phenanthrene	11.24	178	1309591	35.92	ng	98
71) Anthracene	11.30	178	1489632	40.55	ng	100
72) Carbazole	11.46	167	1318860	41.17	ng	97
73) Di-n-butylphthalate	11.79	149	1429839	35.06	ng	# 96
74) Fluoranthene	12.43	202	1501255	40.69	ng	93
76) Benzidine	12.56	184	321448	20.97	ng	98
77) Pyrene	12.65	202	1471620	41.08	ng	99
79) Butylbenzylphthalate	13.29	149	676788	41.64	ng	# 84
80) Benzo(a)anthracene	13.84	228	1169135	40.25	ng	98
81) 3,3'-Dichlorobenzidine	13.80	252	176076	17.12	ng	# 96
82) Chrysene	13.88	228	1104165	39.21	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	829529	41.01	ng	# 96
84) Di-n-octyl phthalate	14.45	149	1276120	38.24	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.52	276	889725	40.13	ng	99
87) Benzo(b)fluoranthene	14.88	252	1992849	72.25	ng	99
88) Benzo(k)fluoranthene	14.88	252	1992849	87.39	ng	# 96
89) Benzo(a)pyrene	15.17	252	924987	39.36	ng	98
90) Dibenzo(a,h)anthracene	16.53	278	732895	37.05	ng	98
91) Benzo(g,h,i)perylene	16.91	276	742957	37.28	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

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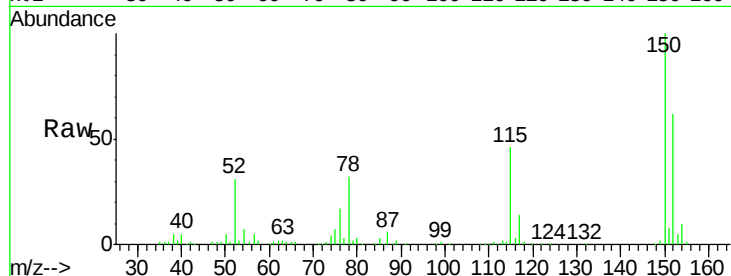
Tgt Ion:152 Resp: 170074

Ion Ratio Lower Upper

152 100

150 160.9 123.0 184.4

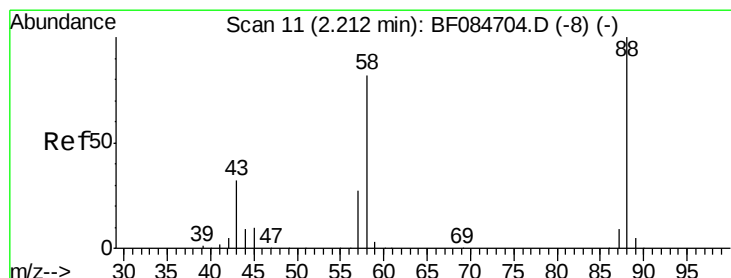
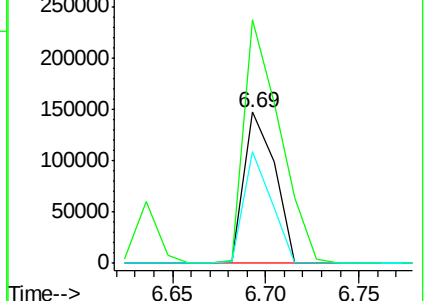
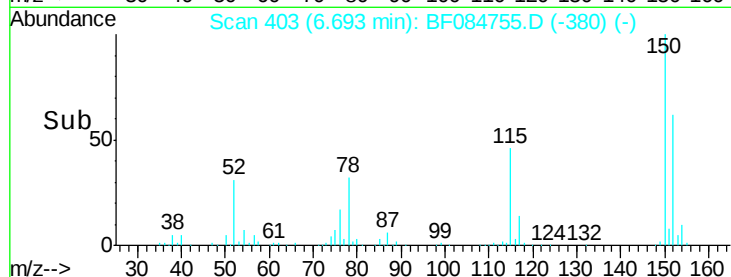
115 73.8 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.08 ng

RT: 2.26 min Scan# 15

Delta R.T. 0.03 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

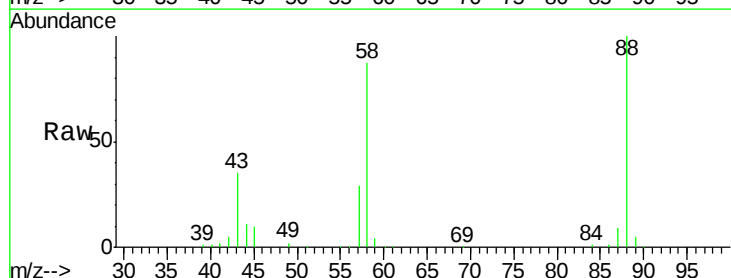
Tgt Ion: 88 Resp: 139060

Ion Ratio Lower Upper

88 100

58 87.1 51.2 76.8#

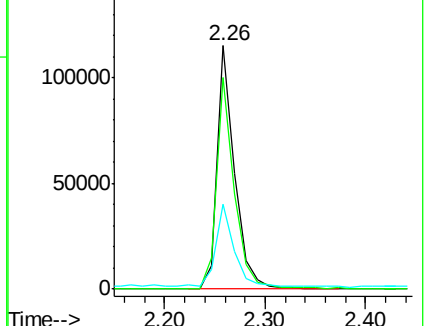
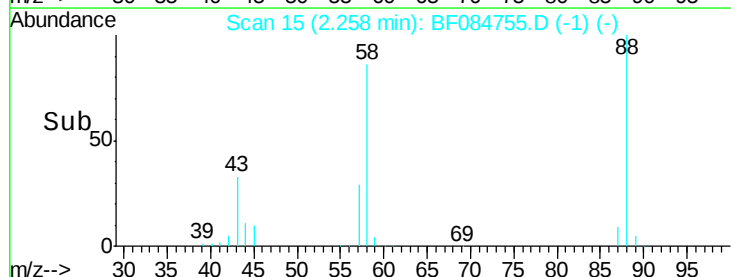
43 35.4 19.5 29.3#

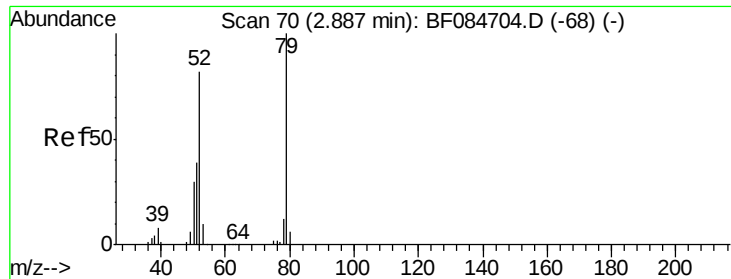


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.97 ng

RT: 2.92 min Scan# 73

Delta R.T. 0.01 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

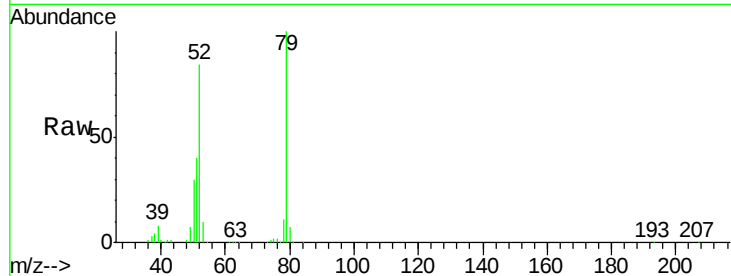
Tgt Ion: 79 Resp: 448208

Ion Ratio Lower Upper

79 100

52 84.1 49.0 73.4#

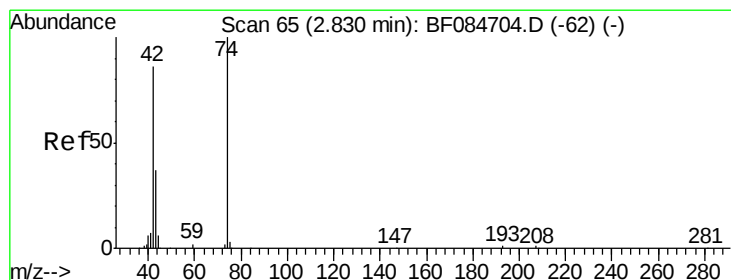
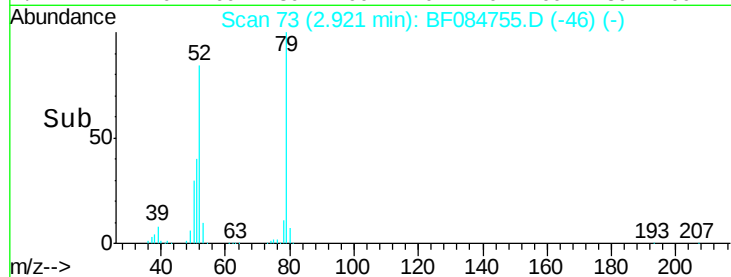
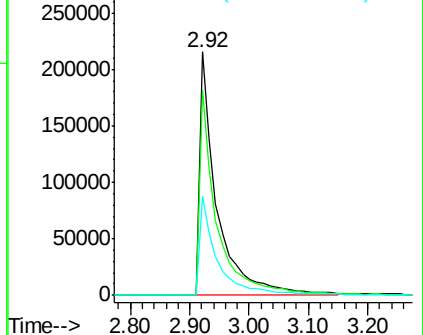
51 40.4 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.83 ng

RT: 2.88 min Scan# 69

Delta R.T. 0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

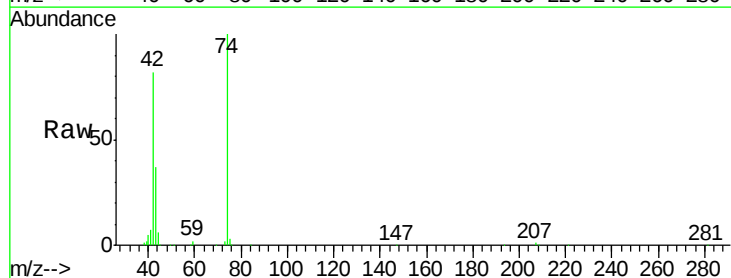
Tgt Ion: 42 Resp: 243847

Ion Ratio Lower Upper

42 100

74 121.6 115.7 173.5

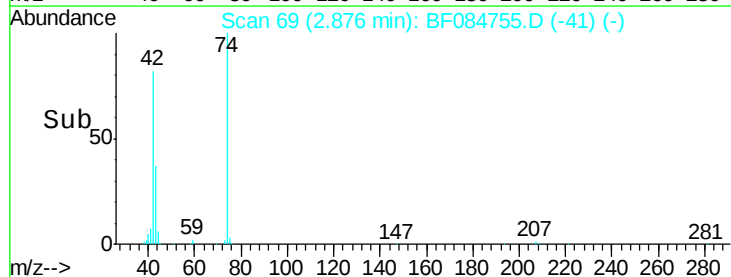
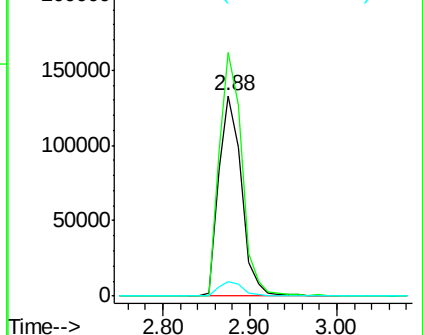
44 7.1 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 108.70 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampled :

PB88135BS

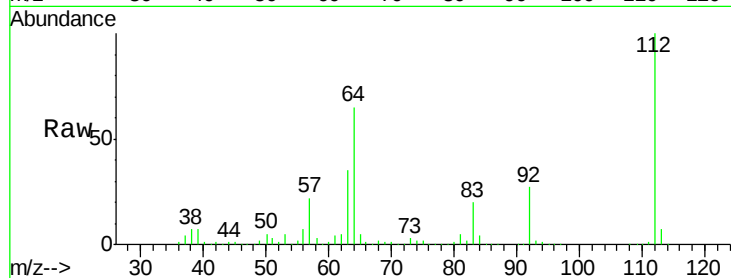
Tgt Ion: 112 Resp: 1186933

Ion Ratio Lower Upper

112 100

64 64.6 36.6 55.0#

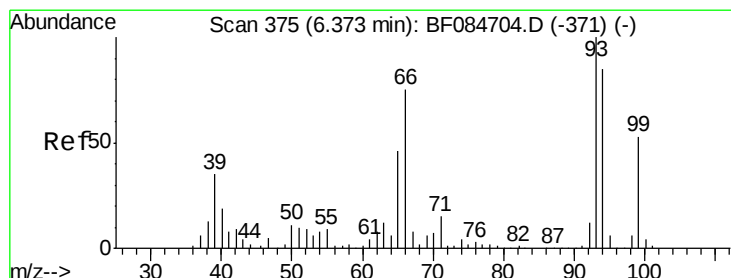
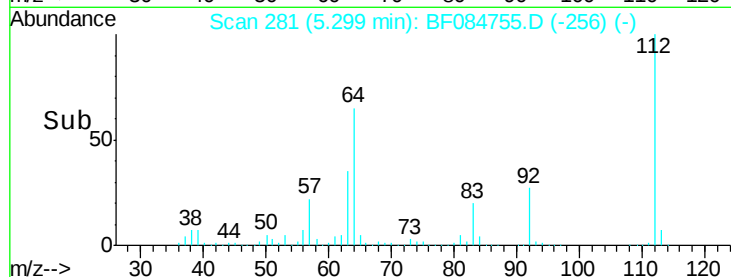
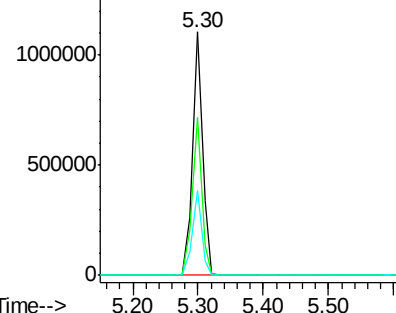
63 34.8 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.79 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

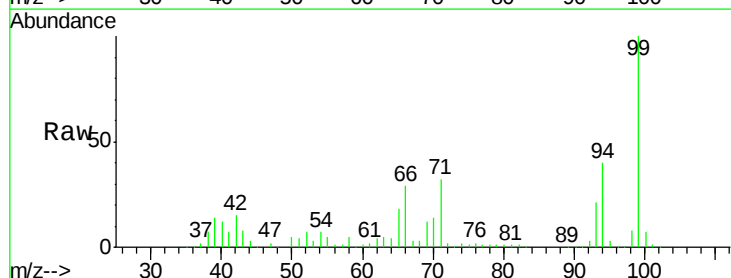
Tgt Ion: 93 Resp: 228422

Ion Ratio Lower Upper

93 100

66 139.4 44.9 67.3#

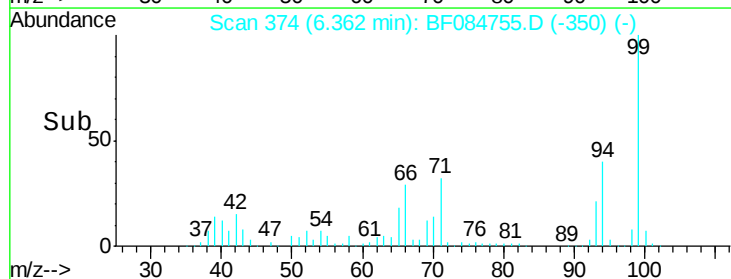
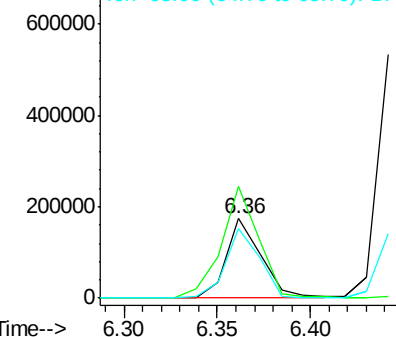
65 87.0 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.38 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

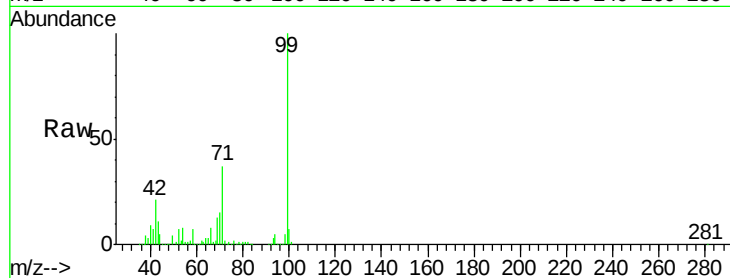
BNA_F

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Tgt Ion: 99 Resp: 1615928

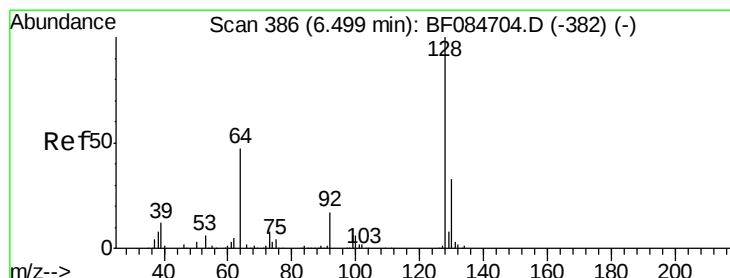
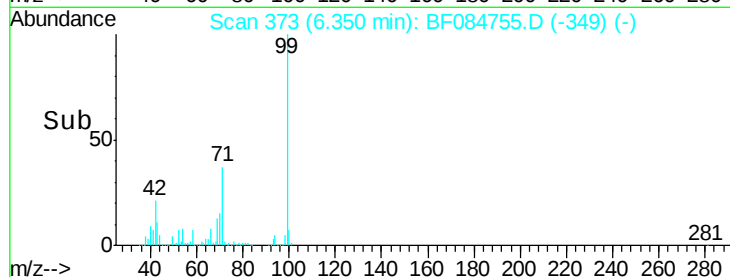
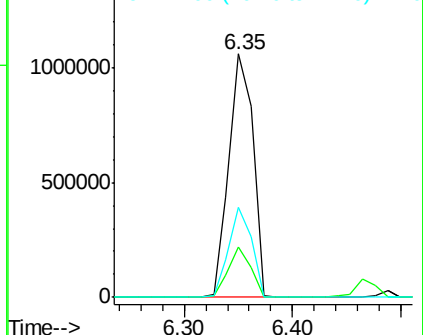
Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.8	19.2#
71	36.8	30.9	46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.82 ng

RT: 6.49 min Scan# 385

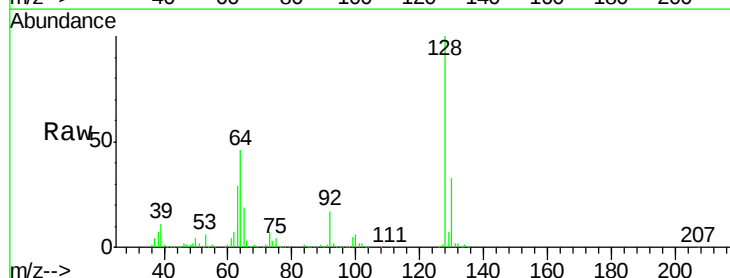
Delta R.T. -0.02 min

Lab File: BF084755.D

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Tgt Ion: 128 Resp: 492142

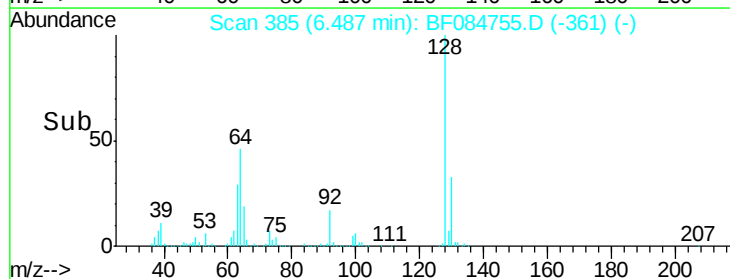
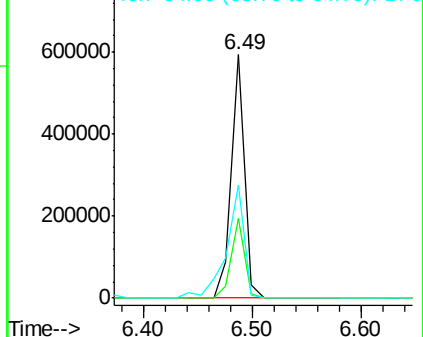
Ion	Ratio	Lower	Upper
128	100		
130	32.8	11.6	51.6
64	46.5	23.8	63.8

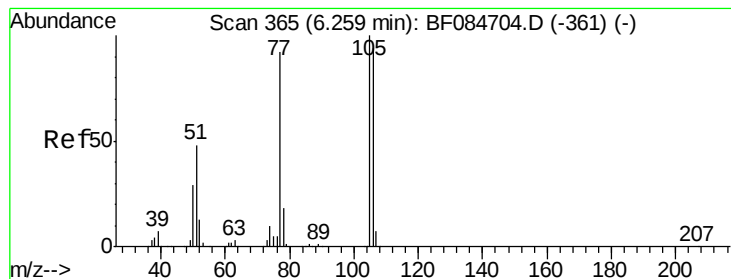


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.45 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.03 min

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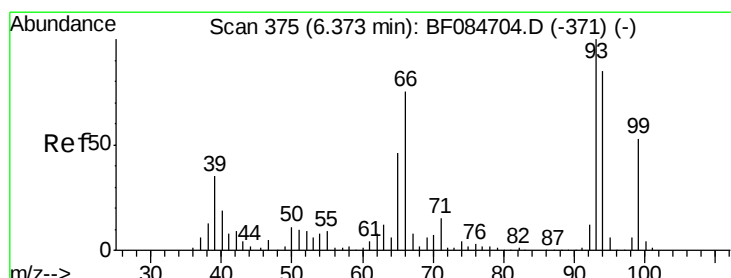
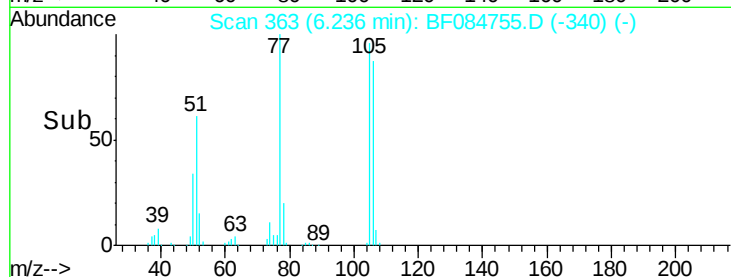
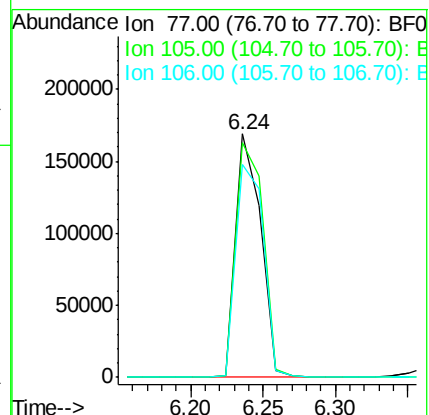
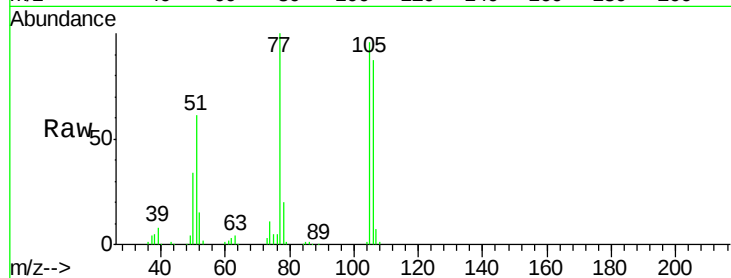
Tgt Ion: 77 Resp: 203470

Ion Ratio Lower Upper

77 100

105 96.3 83.0 123.0

106 87.4 74.6 114.6



#10

Phenol

Concen: 32.68 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

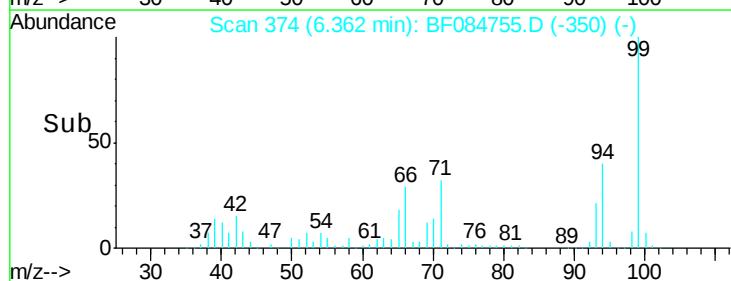
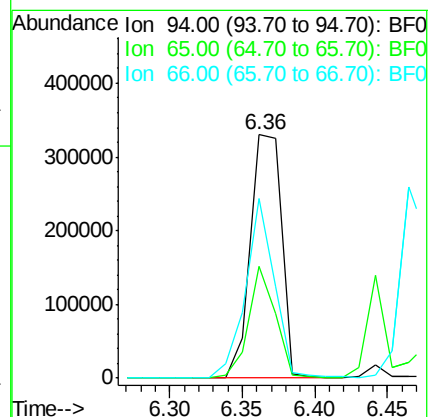
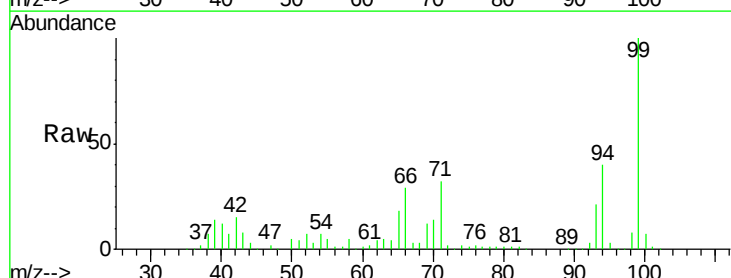
Tgt Ion: 94 Resp: 495511

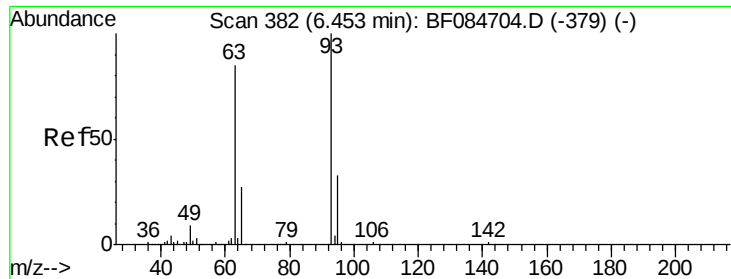
Ion Ratio Lower Upper

94 100

65 46.0 12.9 52.9

66 73.7 32.7 72.7#

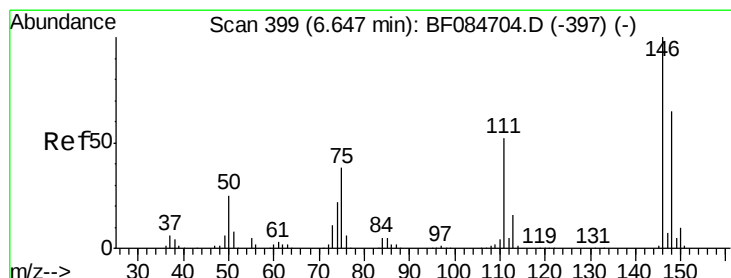
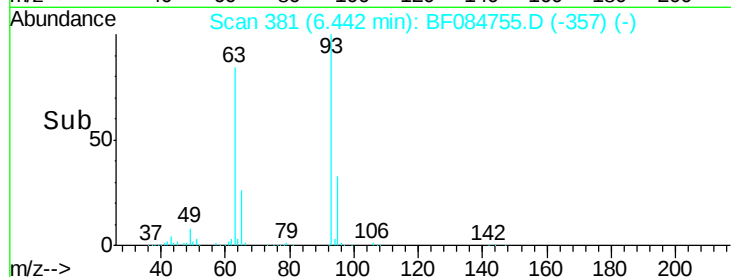
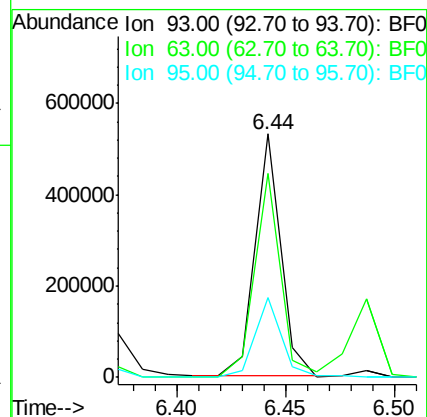
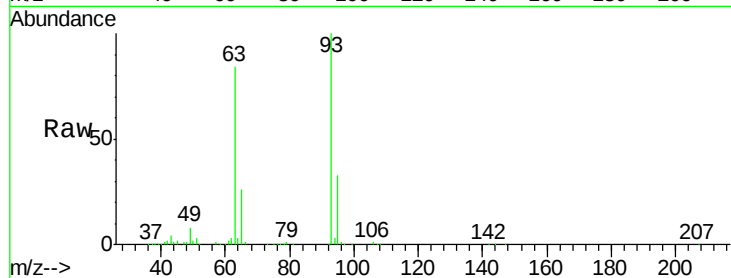




#11
bis(2-Chloroethyl)ether
Concen: 36.78 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.02 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

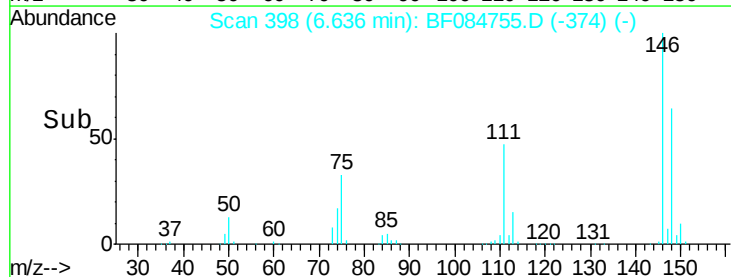
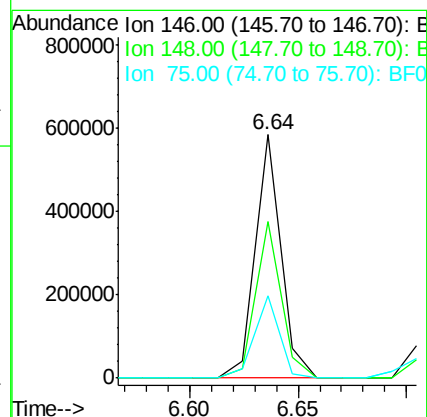
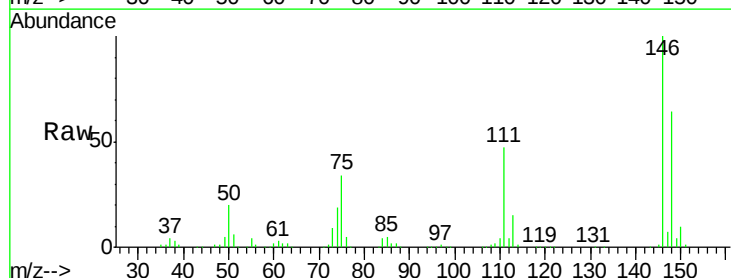
Instrument :
BNA_F
ClientSampleId :
PB88135BS

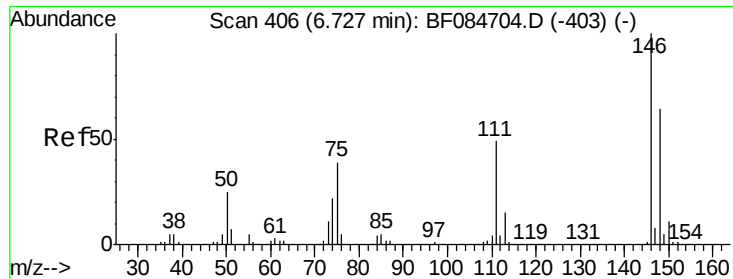
Tgt Ion: 93 Resp: 434939
Ion Ratio Lower Upper
93 100
63 83.8 45.9 85.9
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 36.69 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

Tgt Ion: 146 Resp: 479156
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
75 34.0 20.5 30.7#





#13

1,4-Dichlorobenzene

Concen: 38.06 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampled :

PB88135BS

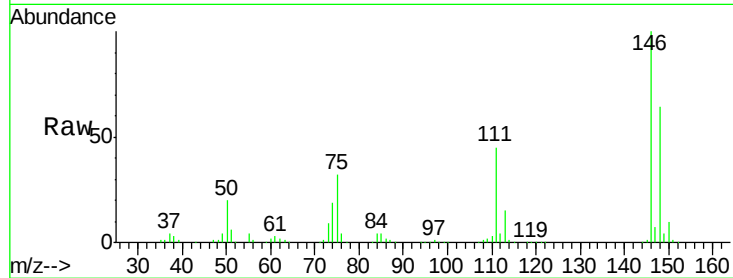
Tgt Ion:146 Resp: 496809

Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

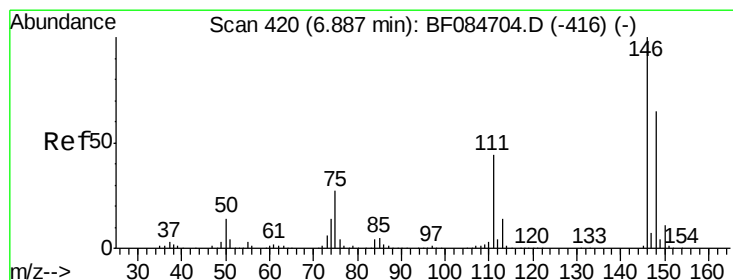
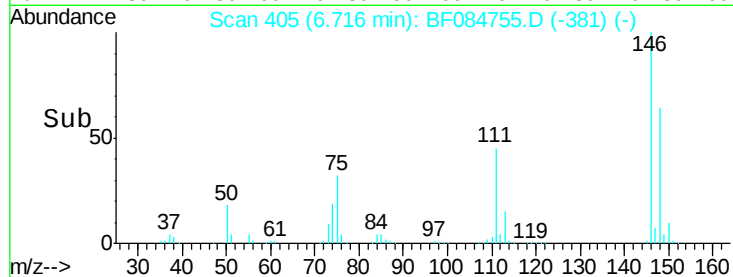
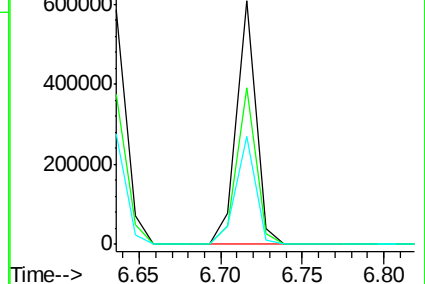
111 44.5 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.87 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

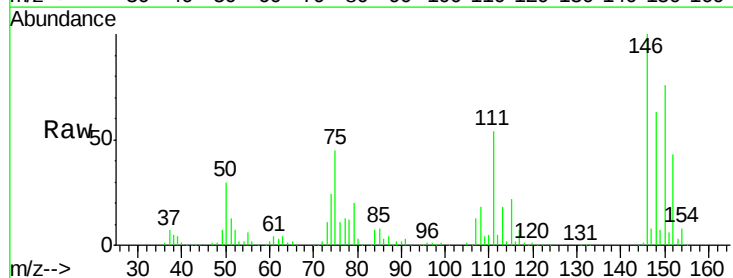
Tgt Ion:146 Resp: 424005

Ion Ratio Lower Upper

146 100

148 63.4 51.6 77.4

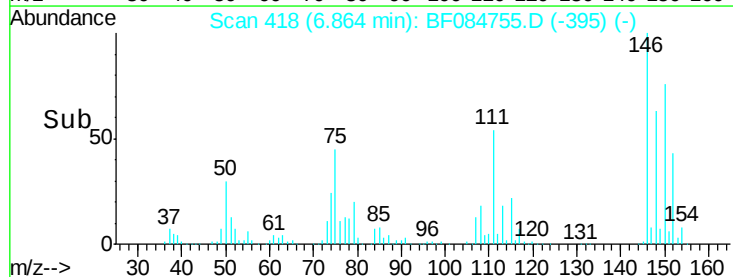
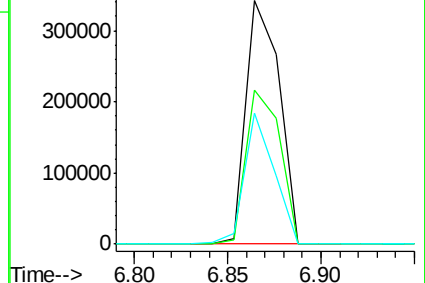
111 53.9 38.0 57.0

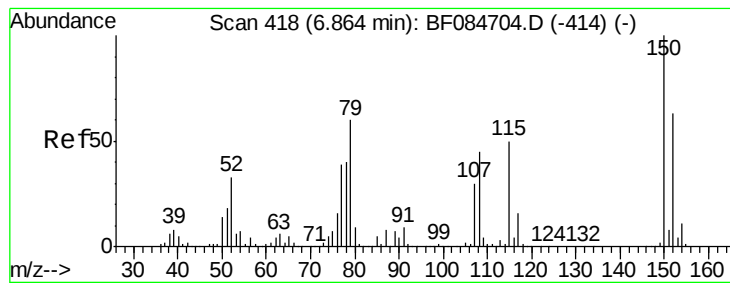


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.37 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

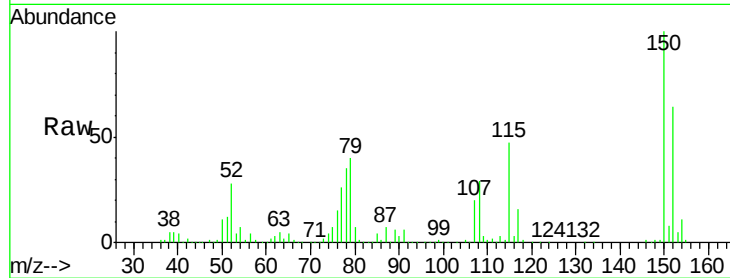
Tgt Ion: 79 Resp: 367978

Ion Ratio Lower Upper

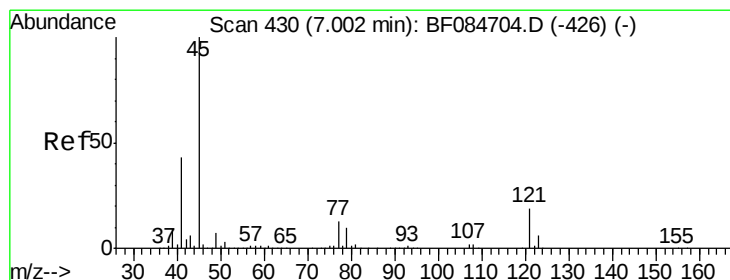
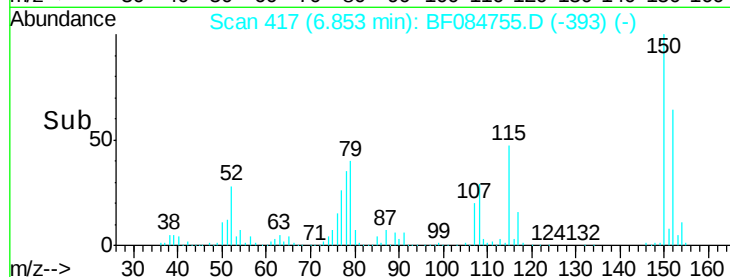
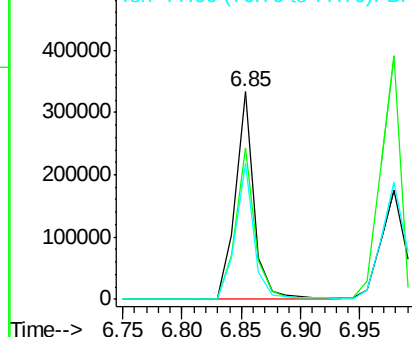
79 100

108 72.9 69.0 103.4

77 65.3 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.27 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

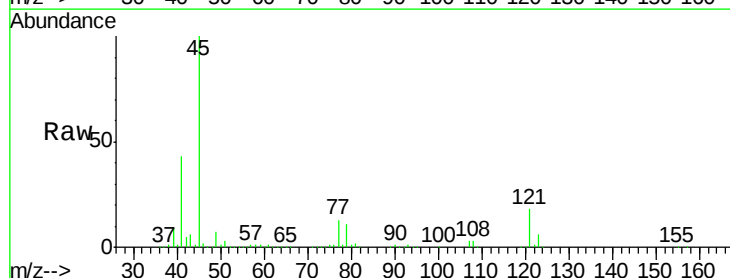
Tgt Ion: 45 Resp: 721484

Ion Ratio Lower Upper

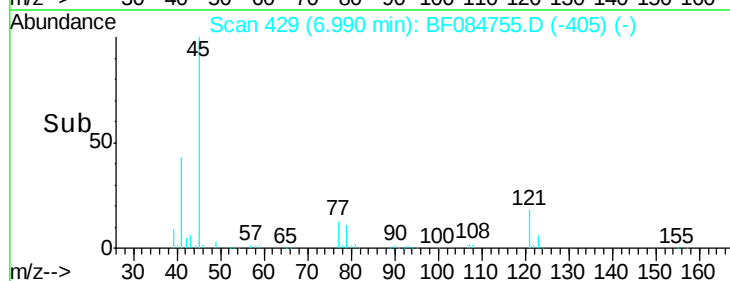
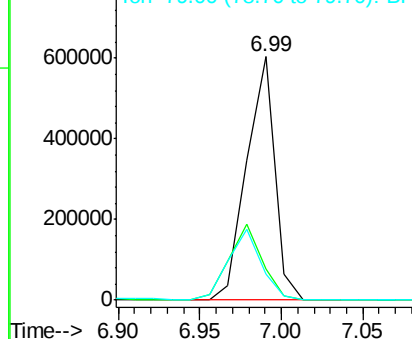
45 100

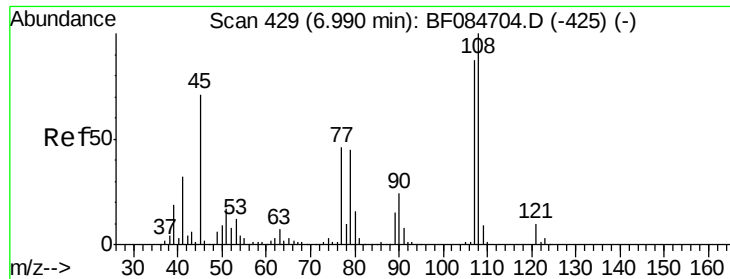
77 12.8 0.0 39.6

79 10.8 0.0 35.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

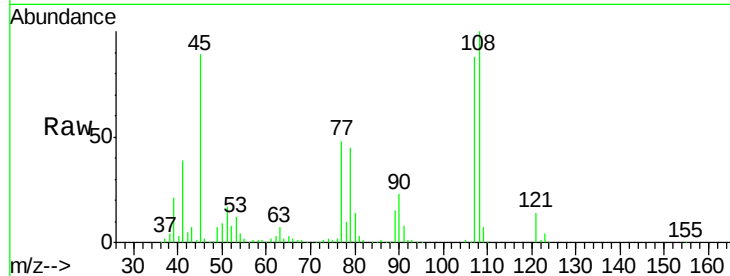




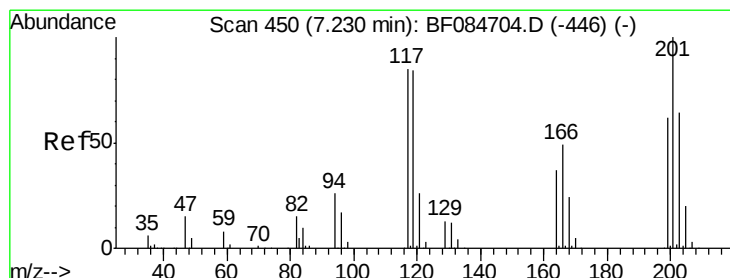
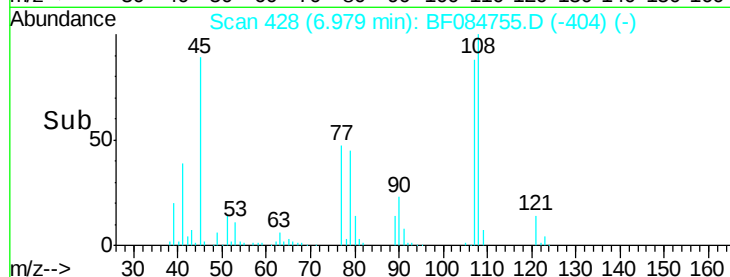
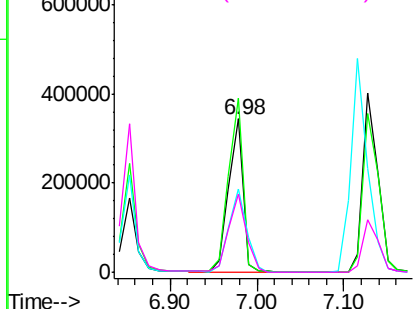
#17
2-Methylphenol
Concen: 40.86 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

Instrument :
BNA_F
ClientSampleId :
PB88135BS

Tgt Ion:107 Resp: 399383
Ion Ratio Lower Upper
107 100
108 113.8 89.8 134.6
77 54.5 35.7 53.5#
79 51.3 35.7 53.5

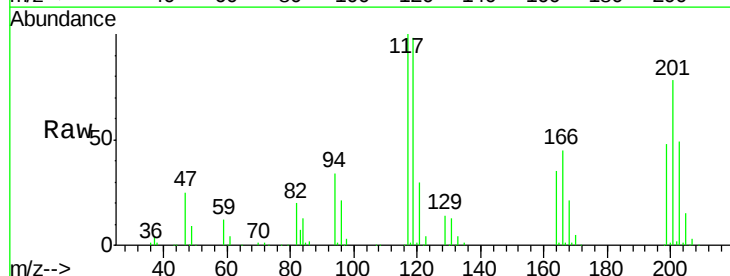


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

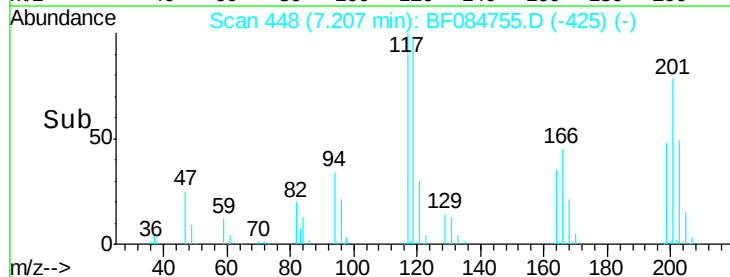
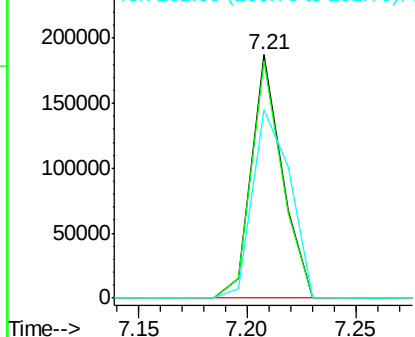


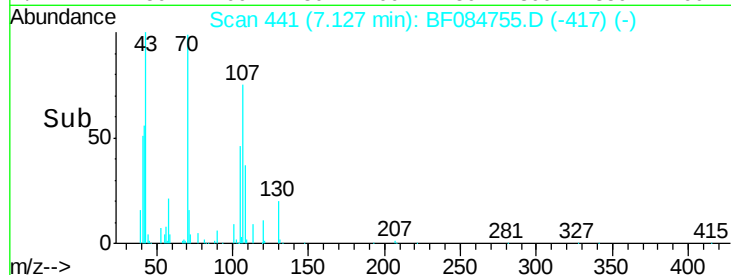
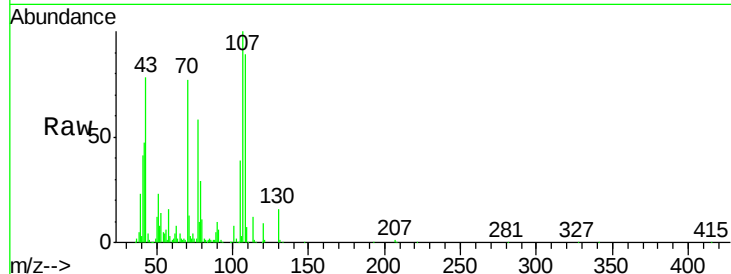
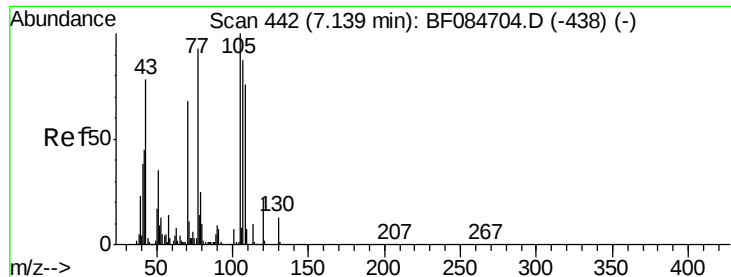
#18
Hexachloroethane
Concen: 36.88 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

Tgt Ion:117 Resp: 185383
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.0
201 77.5 68.6 103.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

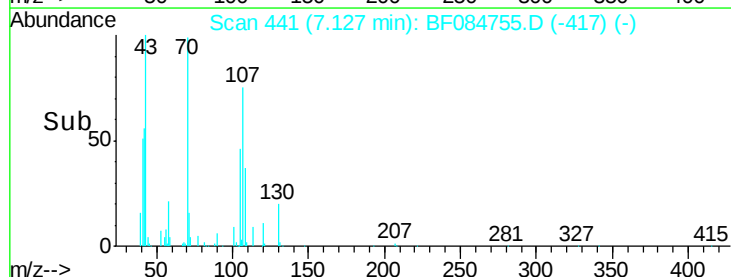
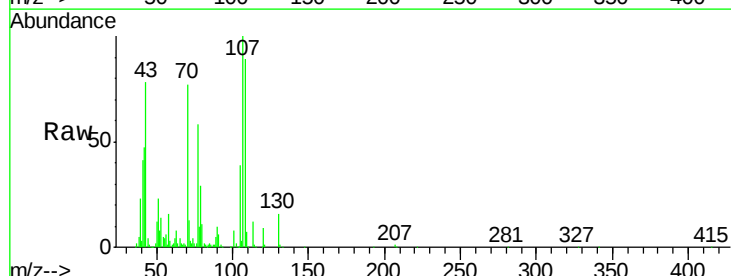
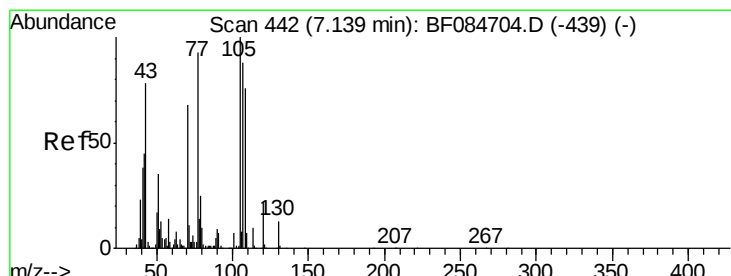
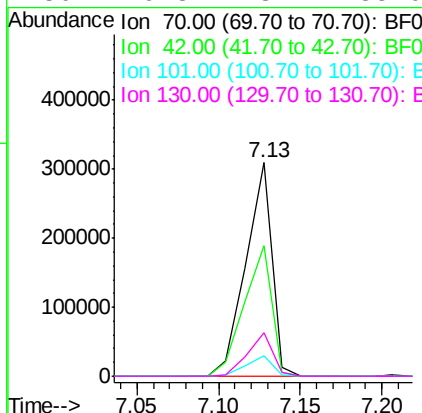




#19
n-Nitroso-di-n-propylamine
Concen: 40.46 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

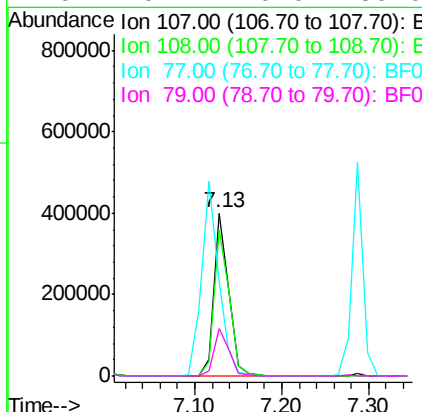
Instrument :
BNA_F
ClientSampleId :
PB88135BS

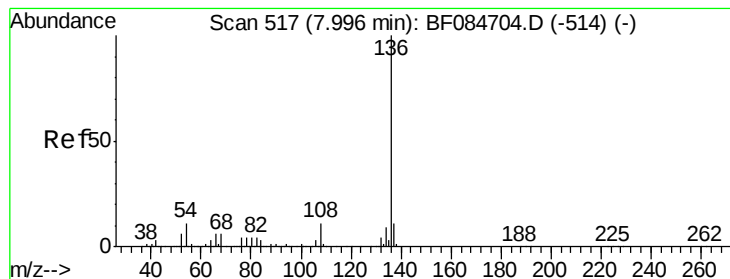
Tgt Ion: 70 Resp: 343280
Ion Ratio Lower Upper
70 100
42 61.1 33.3 49.9#
101 9.8 9.3 13.9
130 20.3 23.4 35.0#



#20
3+4-Methylphenols
Concen: 39.86 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

Tgt Ion: 107 Resp: 483555
Ion Ratio Lower Upper
107 100
108 89.1 74.6 114.6
77 58.4 0.7 40.7#
79 29.1 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

Tgt Ion:136 Resp: 702796

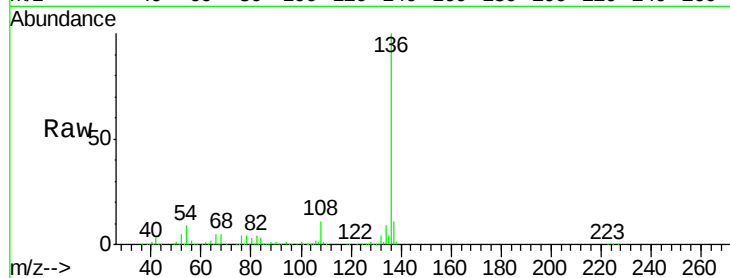
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.4 5.8 8.8#

68 5.2 4.2 6.2

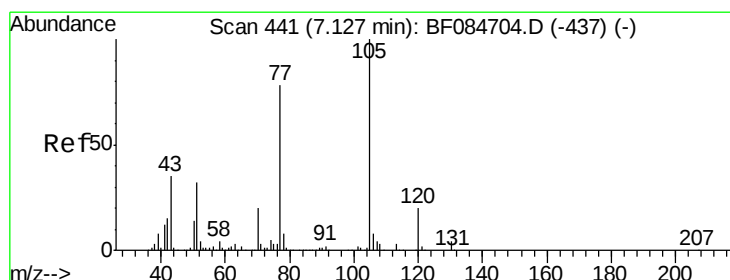
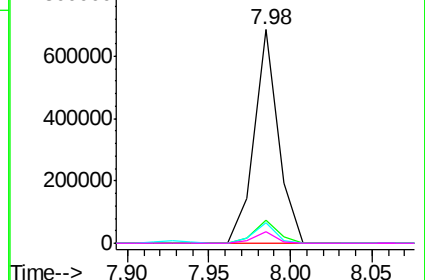
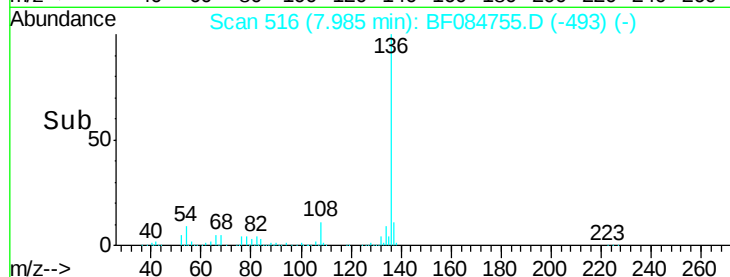


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.82 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Tgt Ion:105 Resp: 663498

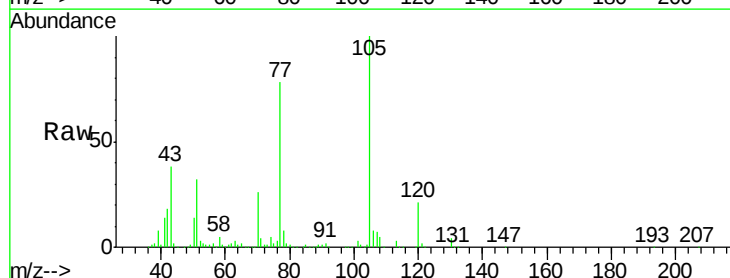
Ion Ratio Lower Upper

105 100

71 4.2 3.7 5.5

51 31.6 25.1 37.7

120 20.5 16.6 25.0

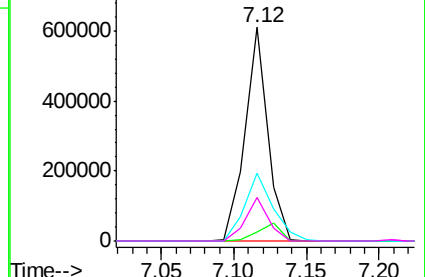
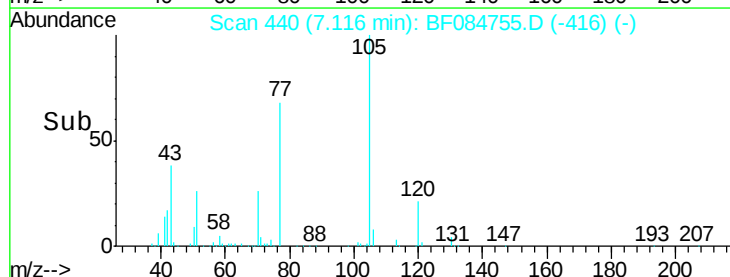


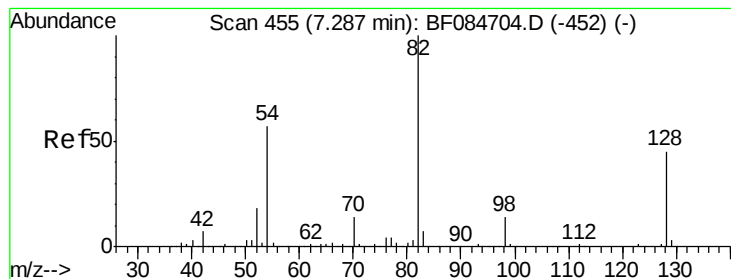
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.35 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

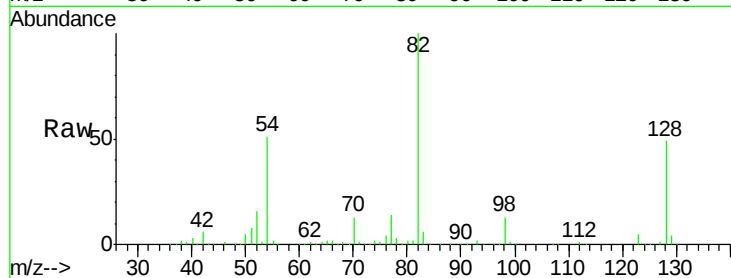
Tgt Ion: 82 Resp: 1039901

Ion Ratio Lower Upper

82 100

128 49.1 34.6 51.8

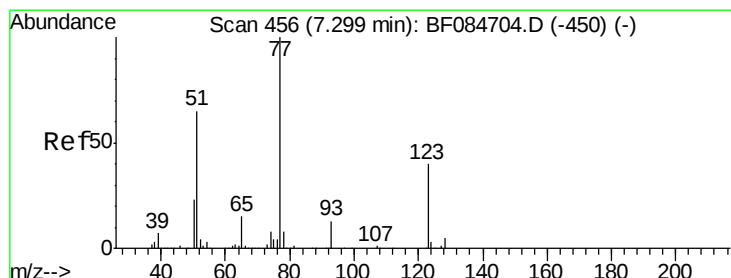
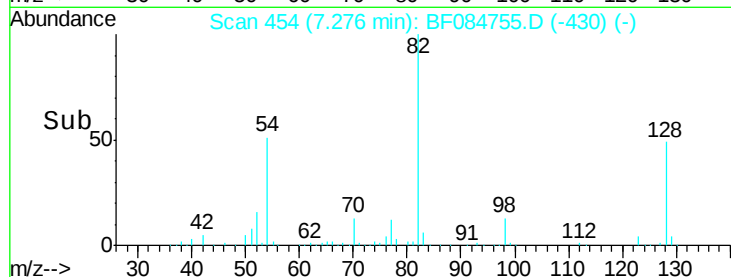
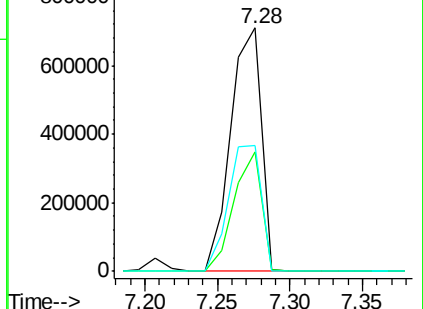
54 51.4 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 35.18 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

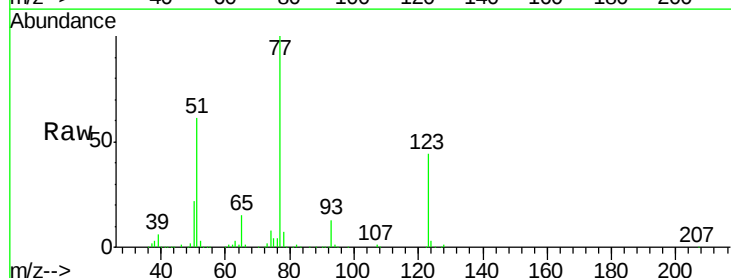
Tgt Ion: 77 Resp: 470040

Ion Ratio Lower Upper

77 100

123 44.4 37.4 56.2

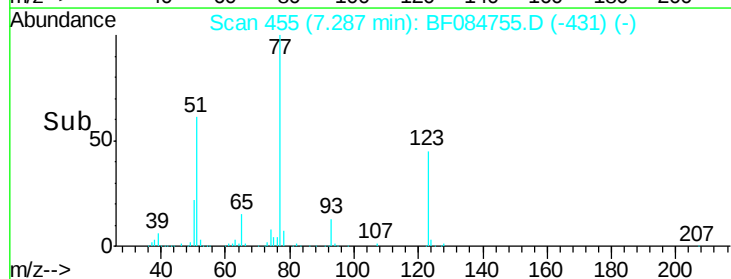
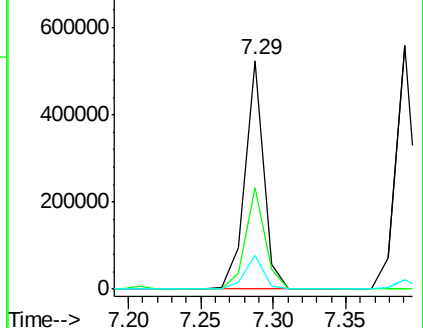
65 14.8 10.9 16.3

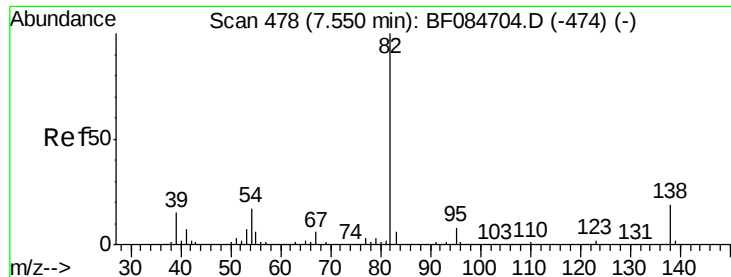


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.08 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.03 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

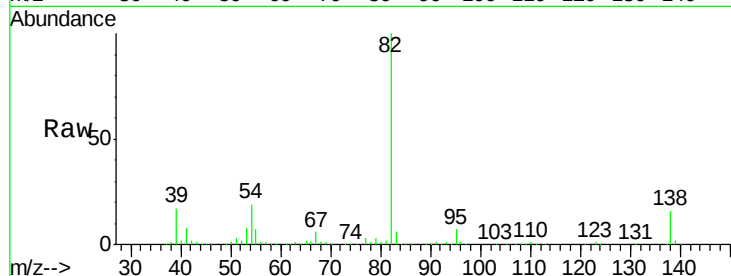
Tgt Ion: 82 Resp: 899507

Ion Ratio Lower Upper

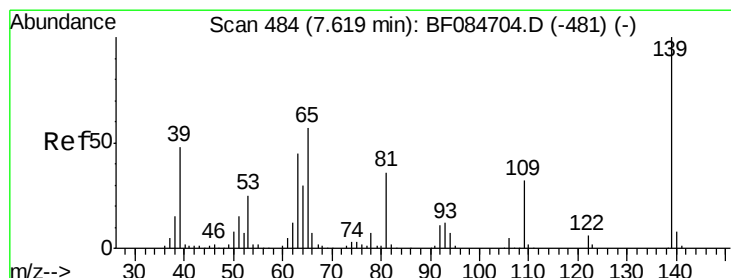
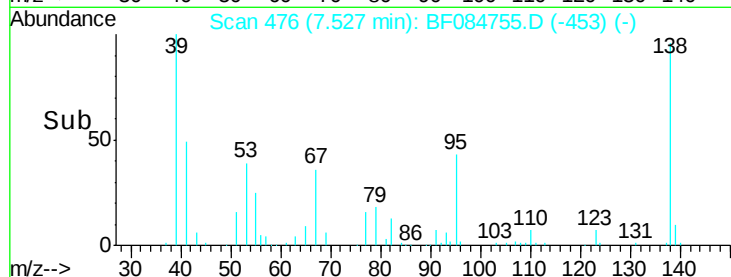
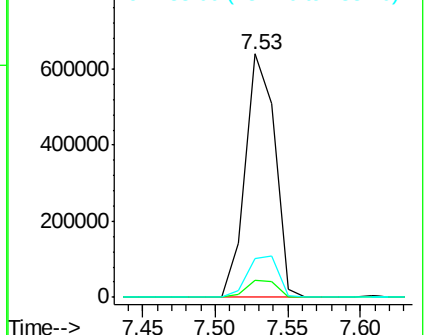
82 100

95 7.1 6.6 10.0

138 15.9 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.02 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

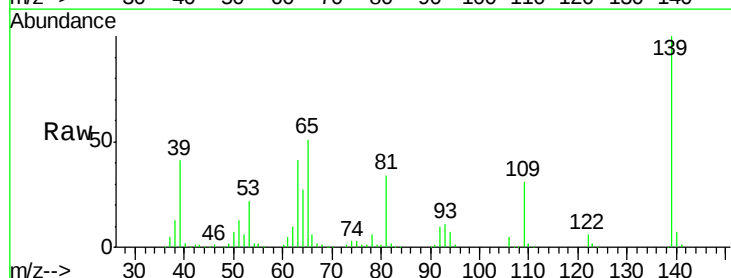
Tgt Ion: 139 Resp: 263696

Ion Ratio Lower Upper

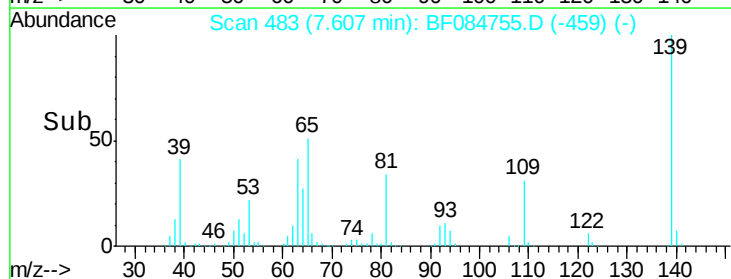
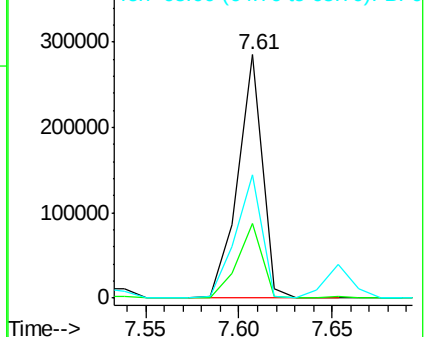
139 100

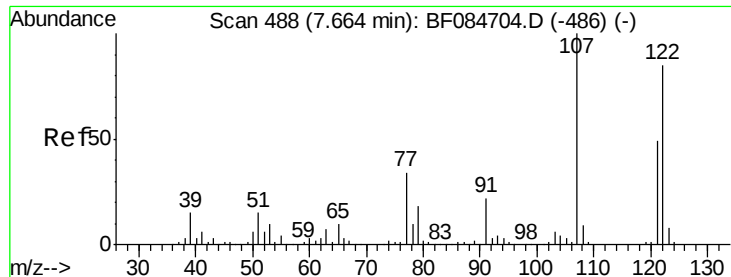
109 30.6 25.4 38.2

65 50.7 32.3 48.5#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

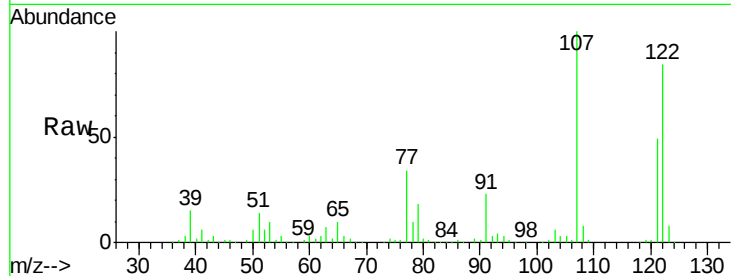




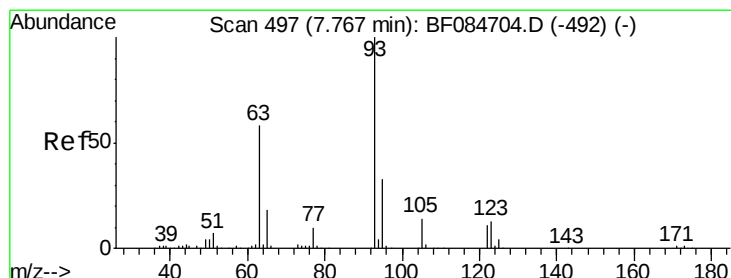
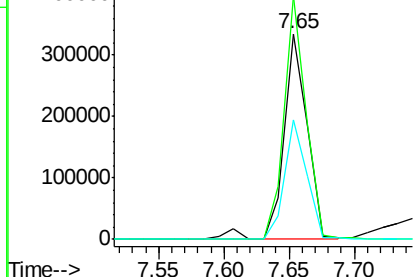
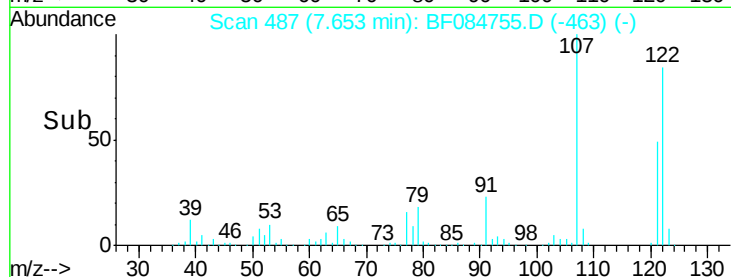
#27
2,4-Dimethylphenol
Concen: 36.95 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

Instrument :
BNA_F
ClientSampleId :
PB88135BS

Tgt Ion:122 Resp: 423442
Ion Ratio Lower Upper
122 100
107 118.4 99.1 148.7
121 58.2 47.9 71.9

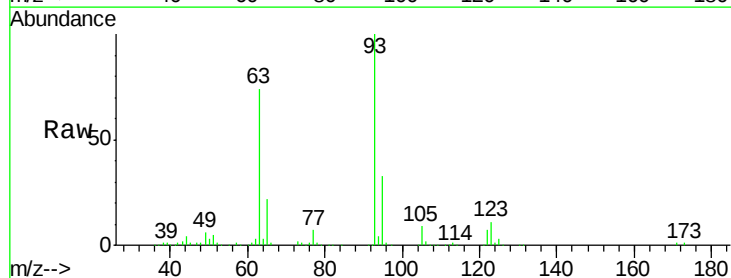


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

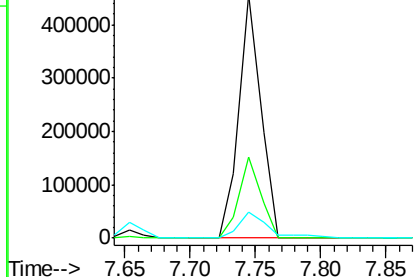
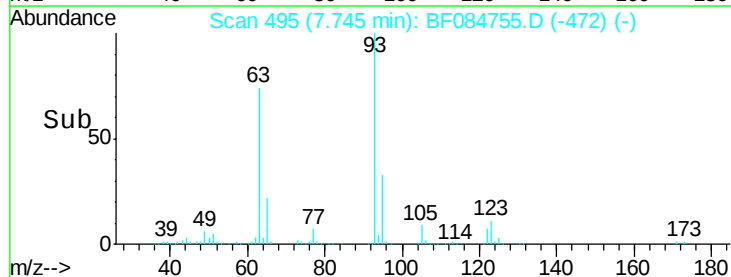


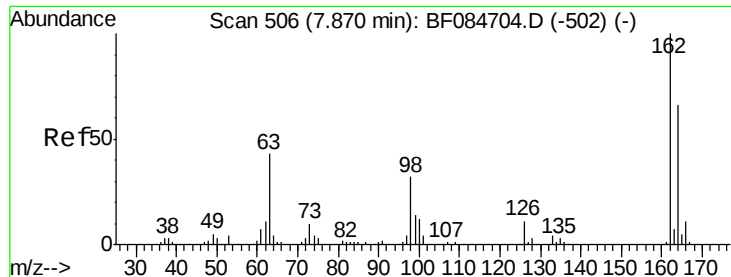
#28
bis(2-Chloroethoxy)methane
Concen: 37.16 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.03 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

Tgt Ion: 93 Resp: 534838
Ion Ratio Lower Upper
93 100
95 33.1 25.8 38.6
123 10.8 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

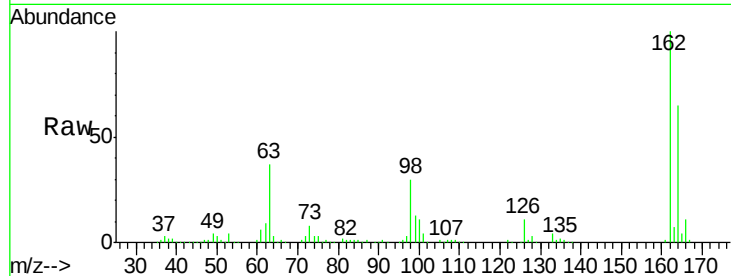




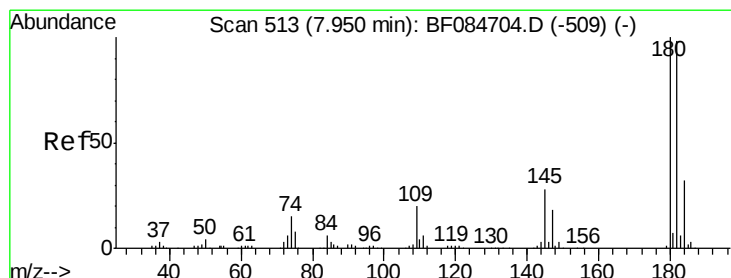
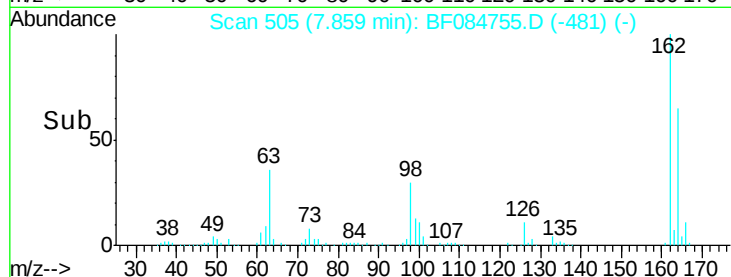
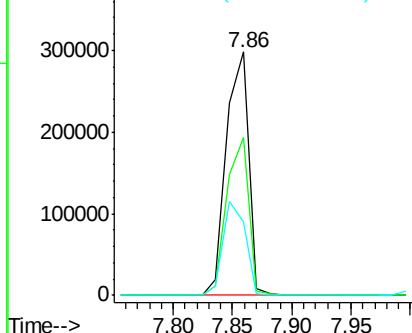
#29
 2,4-Dichlorophenol
 Concen: 39.51 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88135BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	387467		
164	64.6		44.1	84.1
98	30.0		20.2	60.2

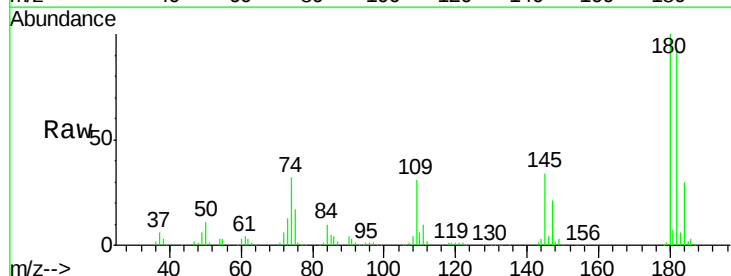


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

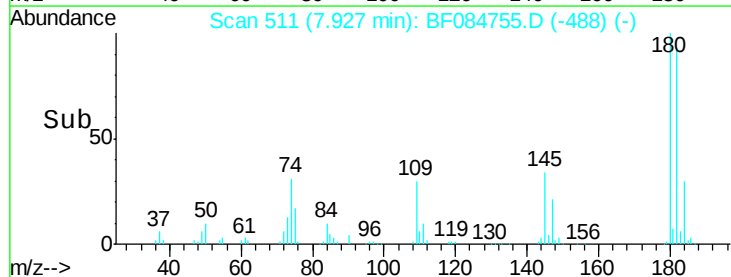
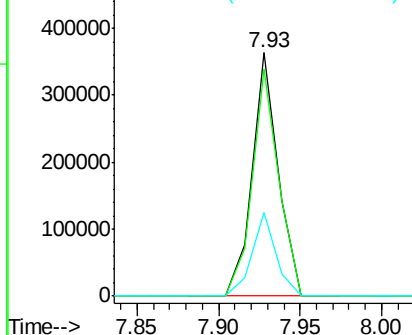


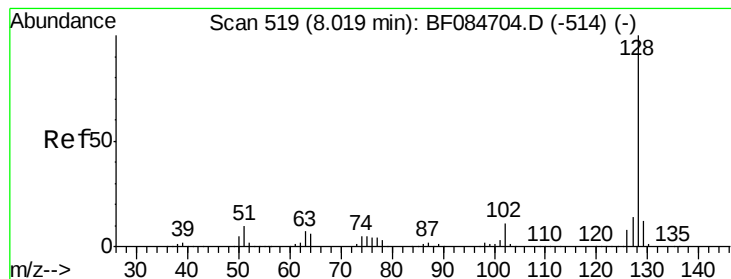
#30
 1,2,4-Trichlorobenzene
 Concen: 36.16 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.03 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	400540		
182	93.4		76.4	114.6
145	34.4		31.6	47.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.80 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

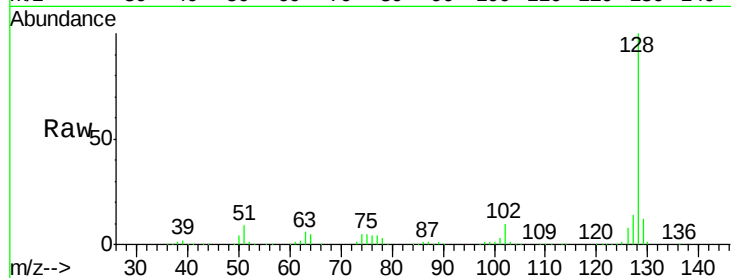
Tgt Ion:128 Resp: 1297387

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

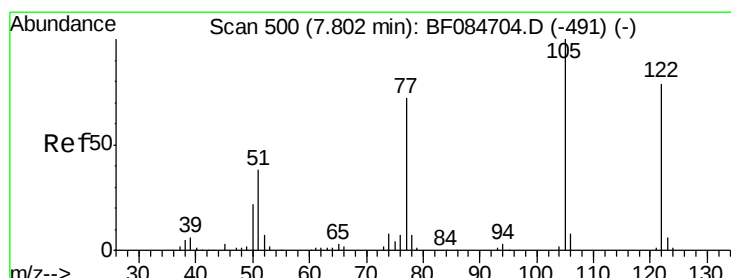
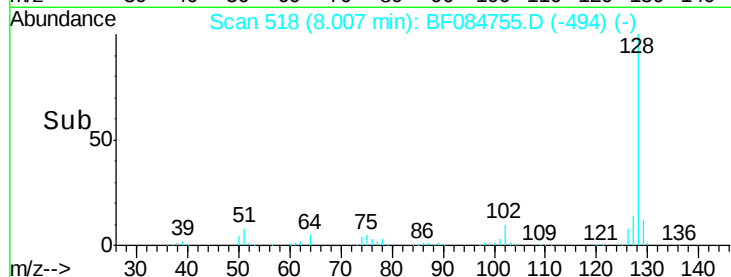
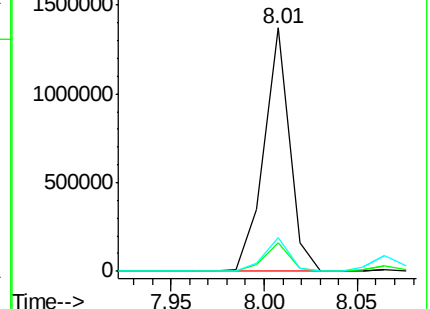
127 13.6 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.92 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

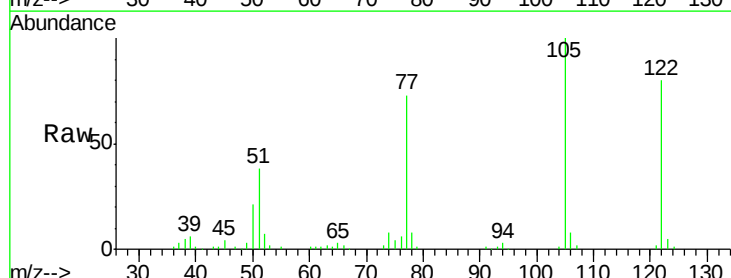
Tgt Ion:122 Resp: 256017

Ion Ratio Lower Upper

122 100

105 124.8 100.3 140.3

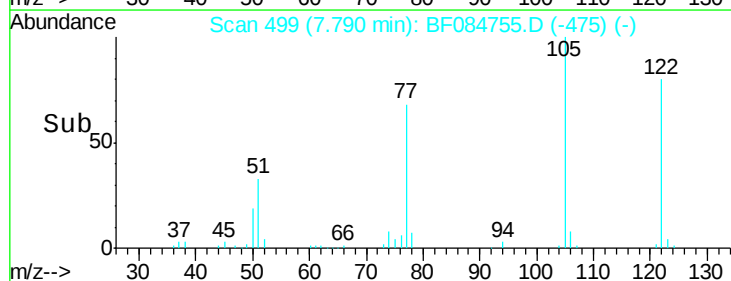
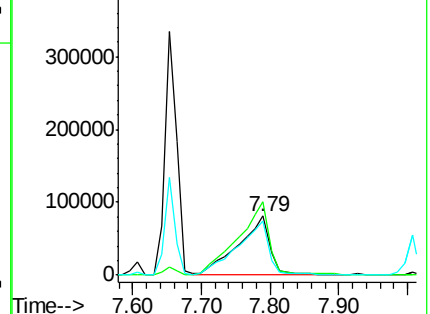
77 91.2 63.5 103.5

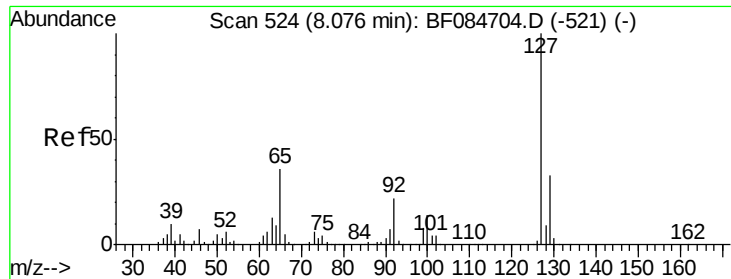


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

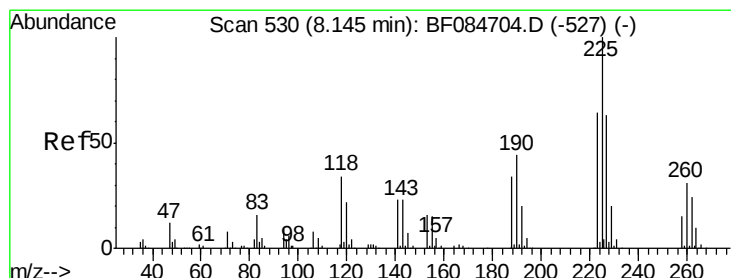
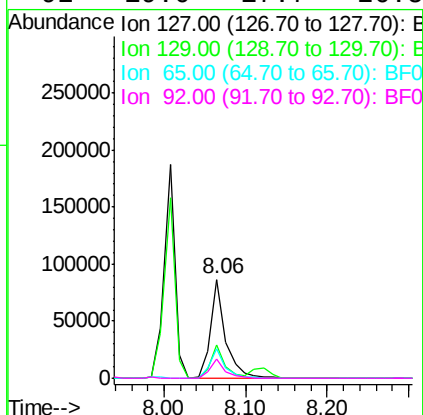
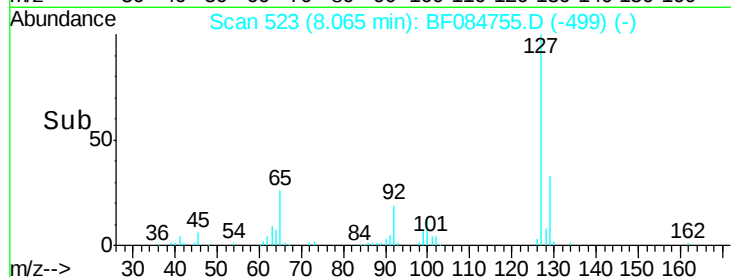
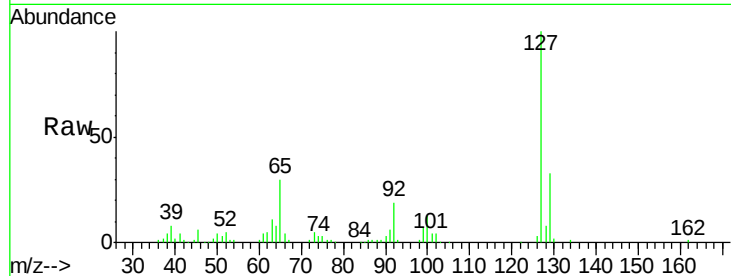




#33
4-Chloroaniline
Concen: 7.74 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

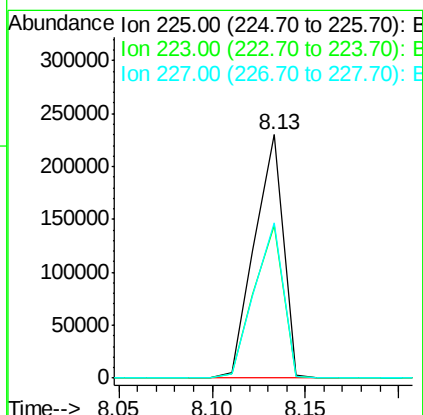
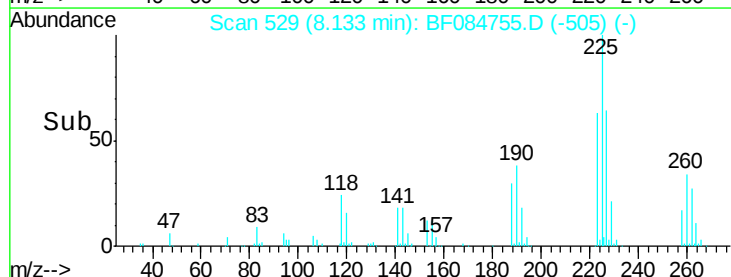
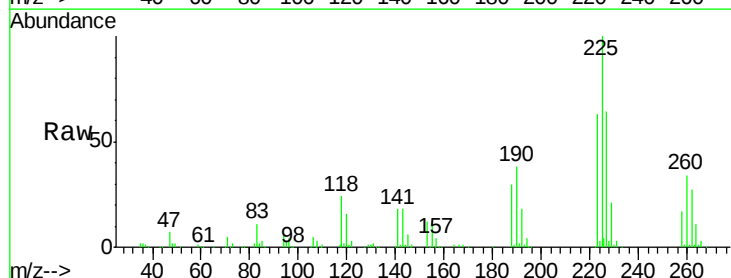
Instrument :
BNA_F
ClientSampleId :
PB88135BS

Tgt Ion:	127	Resp:	112907
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	29.6	27.2	40.8
92	19.0	17.7	26.5



#34
Hexachlorobutadiene
Concen: 38.48 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

Tgt Ion:	225	Resp:	245747
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.0
227	63.7	50.8	76.2





#35

Caprolactam

Concen: 29.33 ng

RT: 8.44 min Scan# 556

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

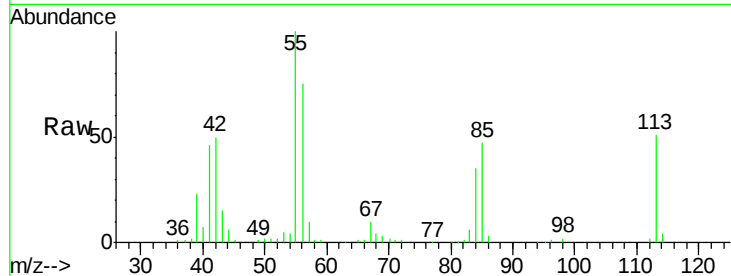
Tgt Ion:113 Resp: 88651

Ion Ratio Lower Upper

113 100

55 195.1 116.9 156.9#

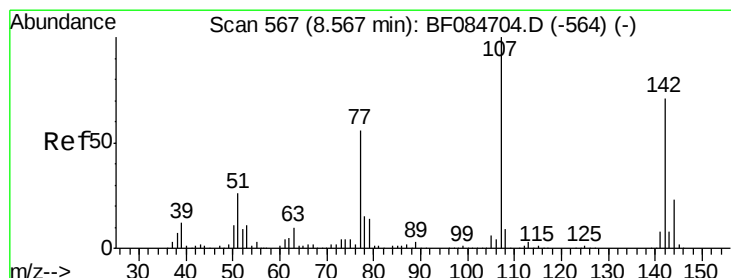
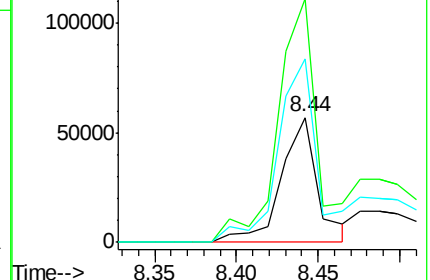
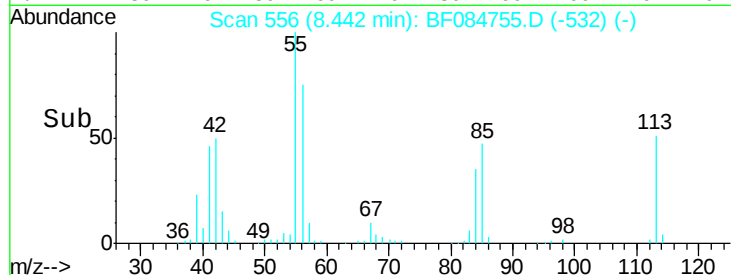
56 147.2 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.83 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

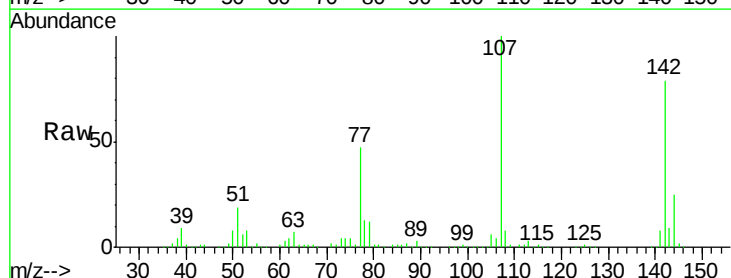
Tgt Ion:107 Resp: 479129

Ion Ratio Lower Upper

107 100

144 25.3 19.7 29.5

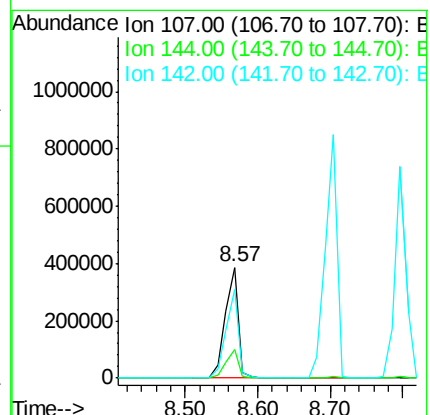
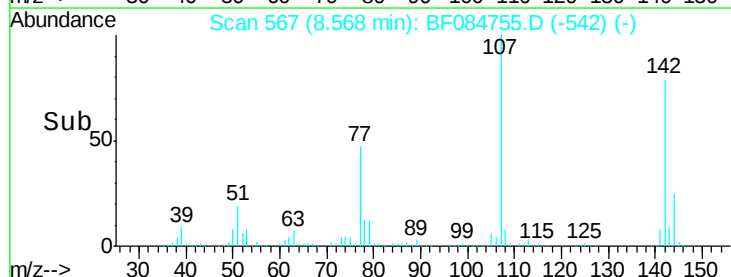
142 79.4 61.8 92.6

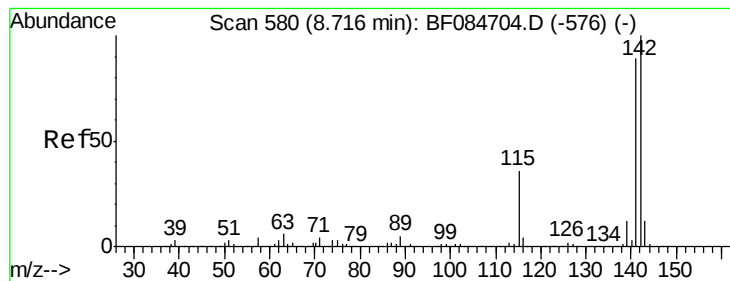


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.26 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

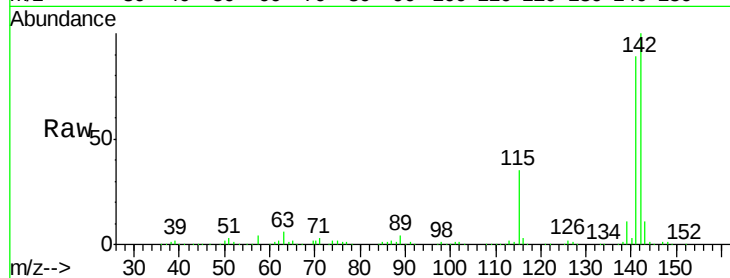
Tgt Ion:142 Resp: 954559

Ion Ratio Lower Upper

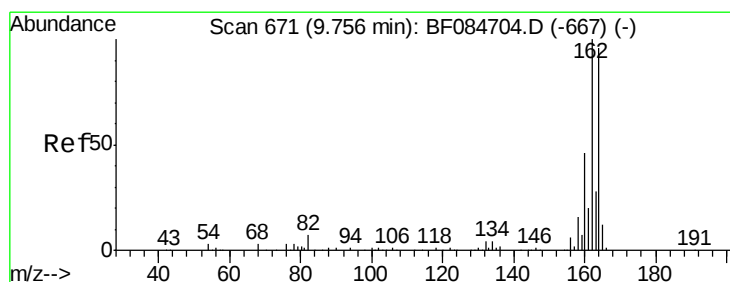
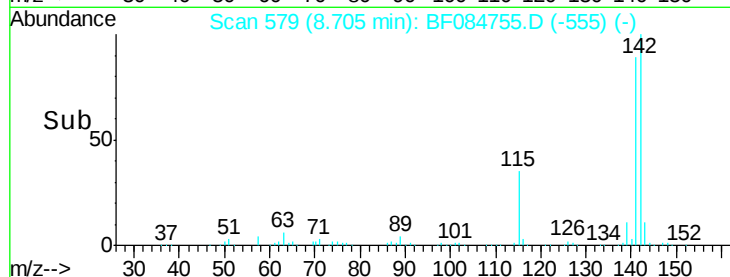
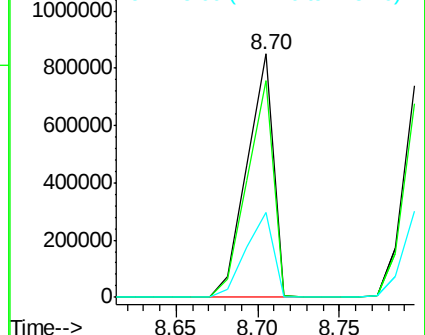
142 100

141 88.8 72.4 108.6

115 34.7 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

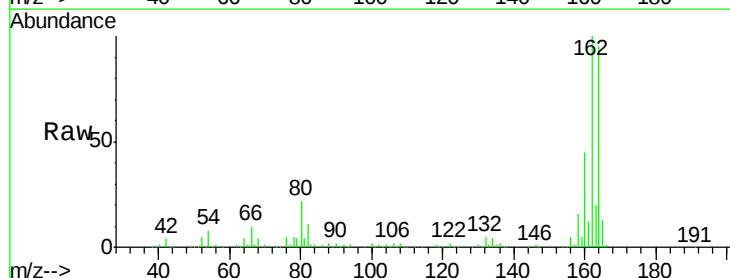
Tgt Ion:164 Resp: 333511

Ion Ratio Lower Upper

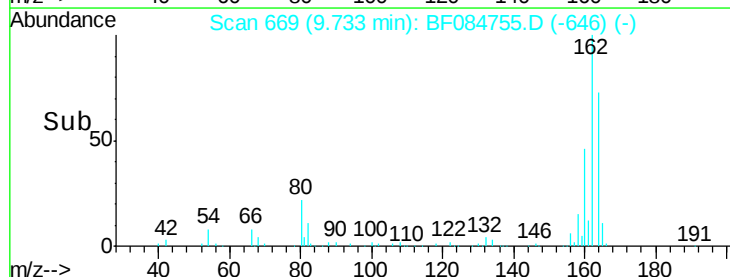
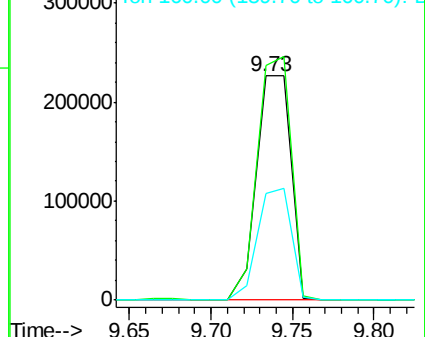
164 100

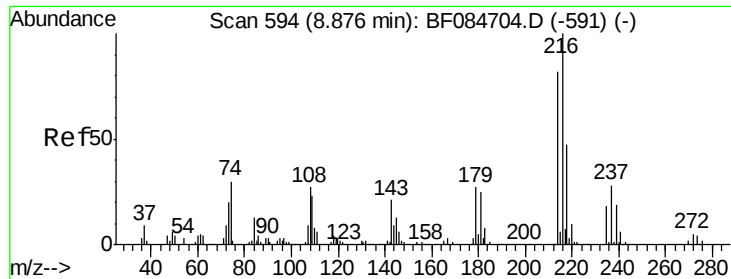
162 104.9 85.1 127.7

160 47.7 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

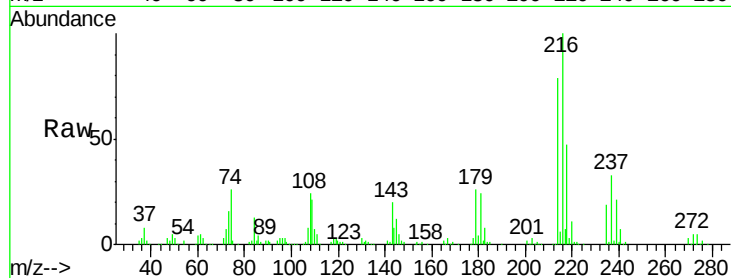




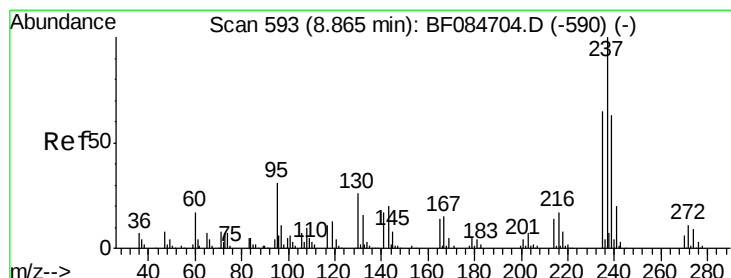
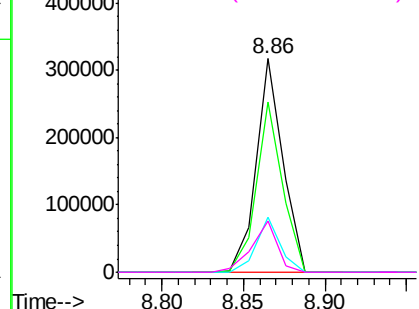
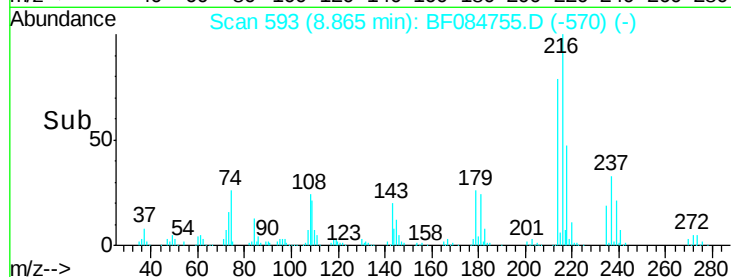
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.82 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.03 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88135BS

Tgt Ion:	216	Resp:	358218
Ion	Ratio	Lower	Upper
216	100		
214	78.3	64.2	96.2
179	23.4	18.7	28.1
108	23.8	16.8	25.2

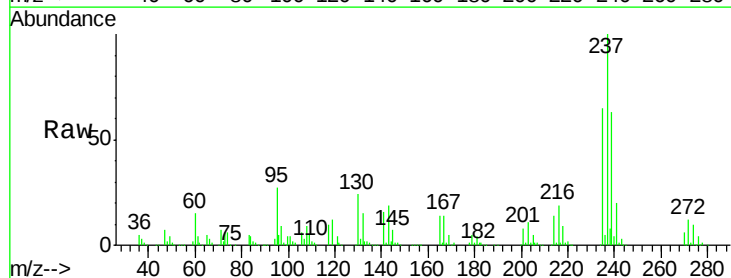


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

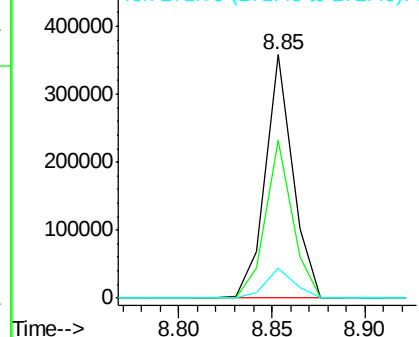
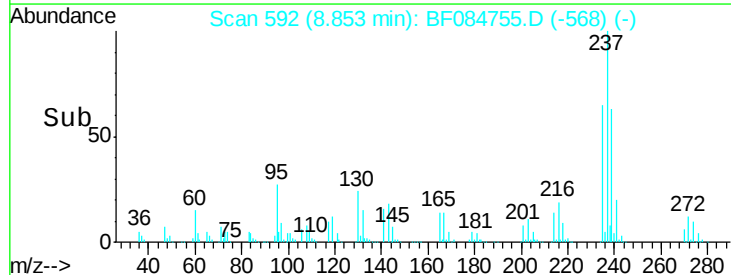


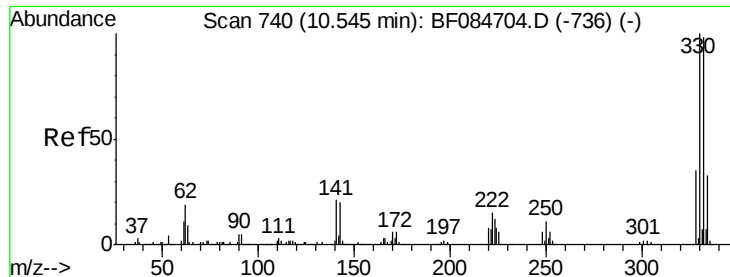
#40
 Hexachlorocyclopentadiene
 Concen: 78.60 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.02 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Tgt Ion:	237	Resp:	364880
Ion	Ratio	Lower	Upper
237	100		
235	64.7	43.1	83.1
272	12.2	0.0	35.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

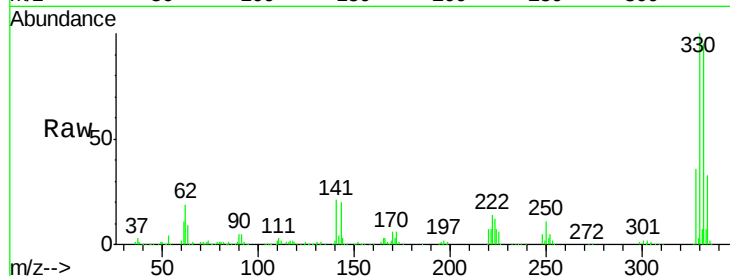




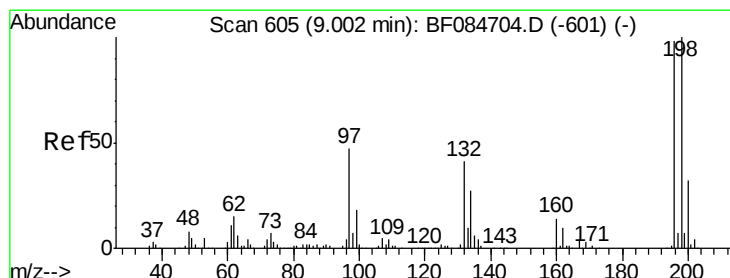
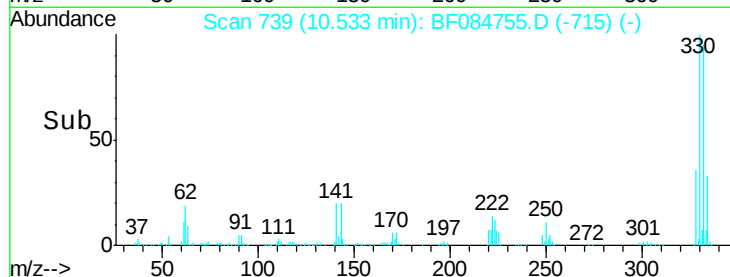
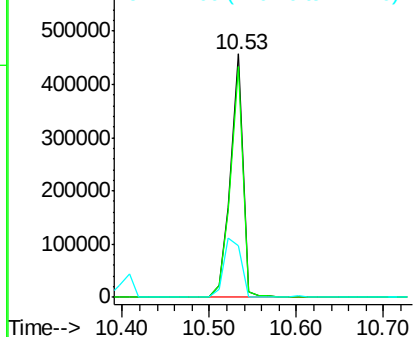
#41
 2,4,6-Tribromophenol
 Concen: 132.31 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88135BS

Tgt Ion:330 Resp: 460288
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 34.0 27.8 41.6

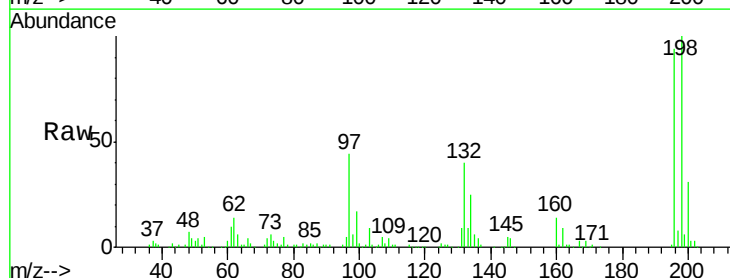


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

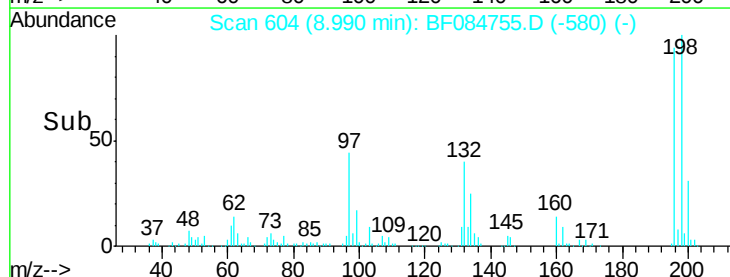
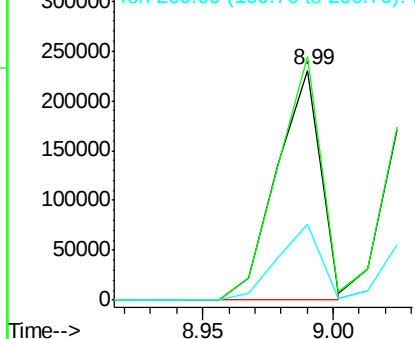


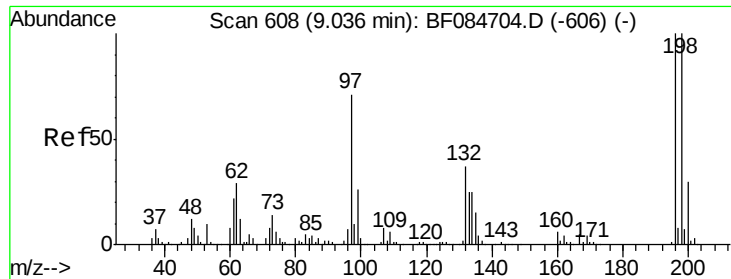
#42
 2,4,6-Trichlorophenol
 Concen: 39.79 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Tgt Ion:196 Resp: 271545
 Ion Ratio Lower Upper
 196 100
 198 105.9 77.7 116.5
 200 33.2 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

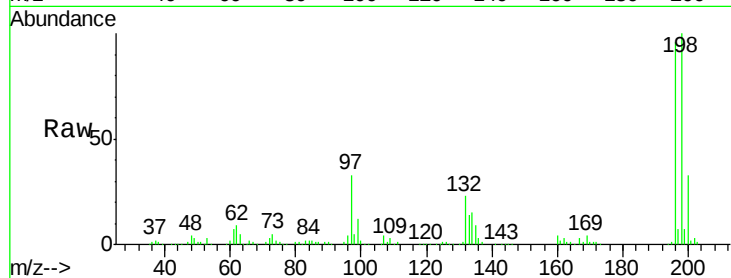




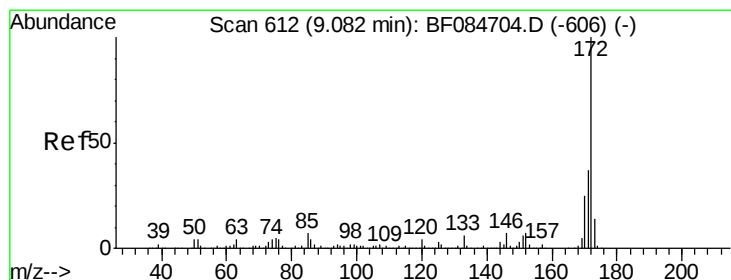
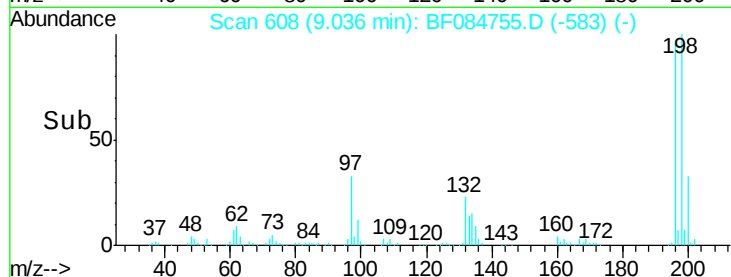
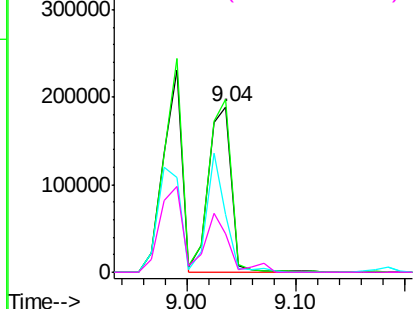
#43
 2,4,5-Trichlorophenol
 Concen: 40.06 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88135BS

Tgt Ion:196 Resp: 277742
 Ion Ratio Lower Upper
 196 100
 198 104.3 79.0 118.6
 97 34.7 33.0 49.6
 132 23.5 21.1 31.7

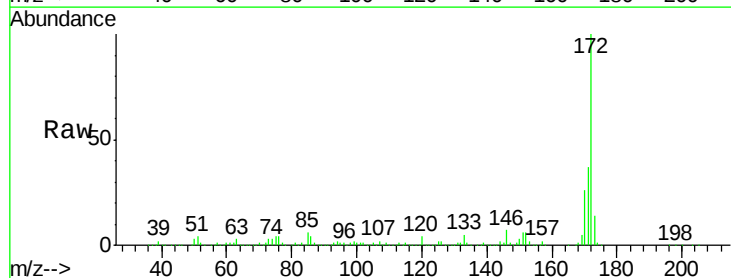


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

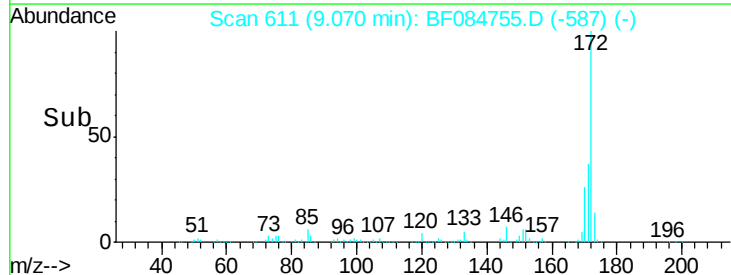
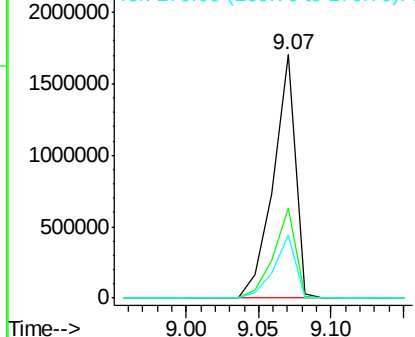


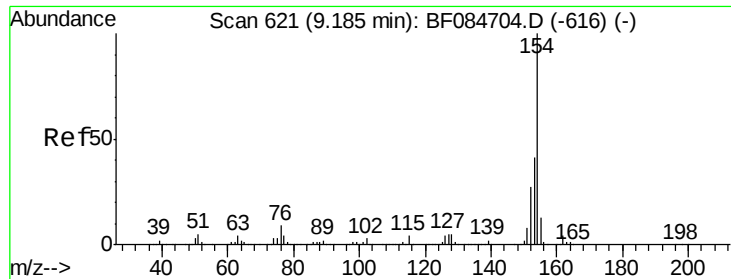
#44
 2-Fluorobiphenyl
 Concen: 95.10 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Tgt Ion:172 Resp: 1808333
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 25.7 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

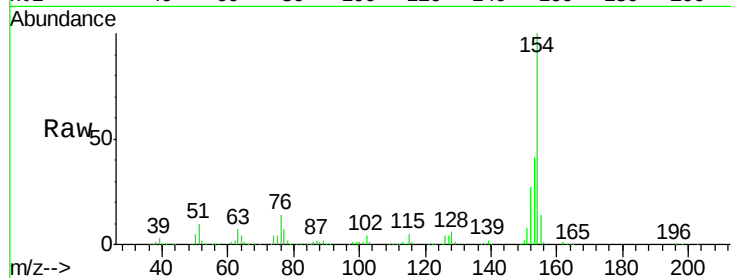




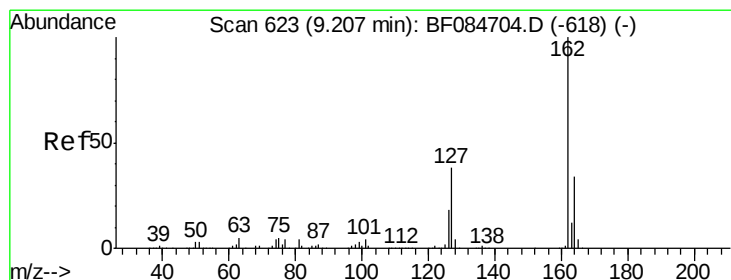
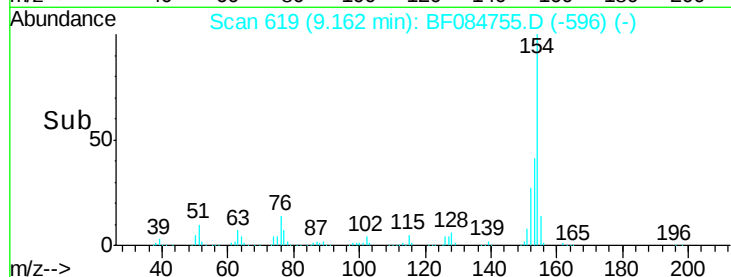
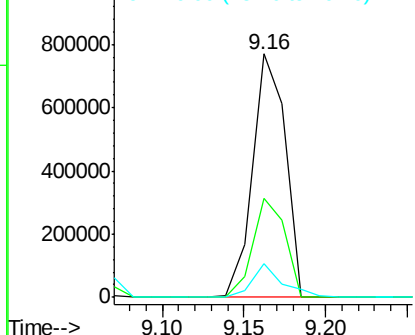
#45
 1,1'-Biphenyl
 Concen: 35.81 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88135BS

Tgt Ion:154 Resp: 1066865
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.6 61.6
 76 13.7 0.0 32.7

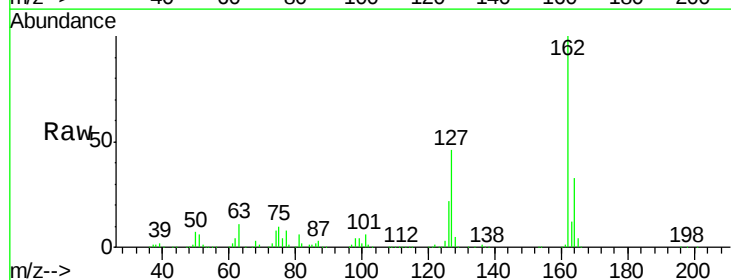


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

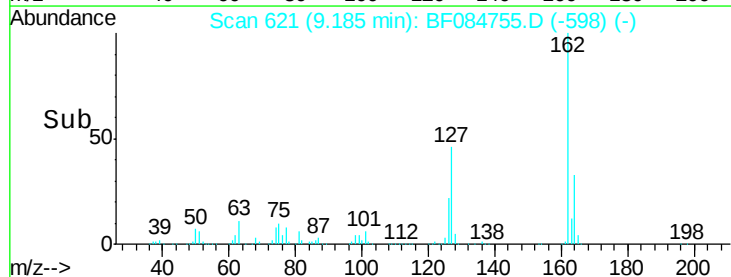
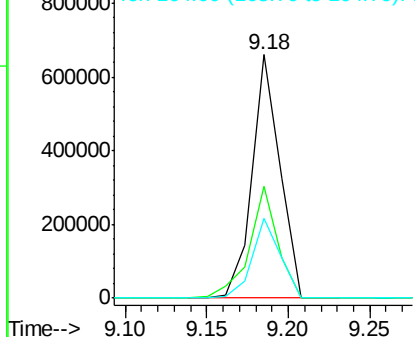


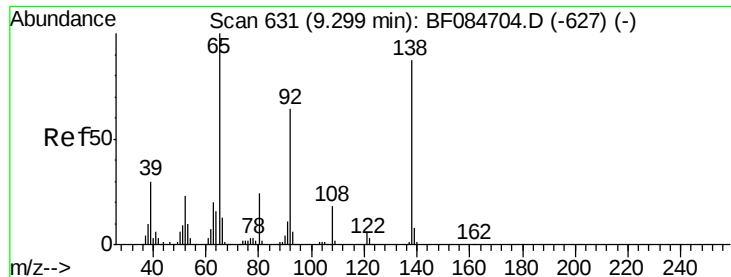
#46
 2-Chloronaphthalene
 Concen: 35.61 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Tgt Ion:162 Resp: 781128
 Ion Ratio Lower Upper
 162 100
 127 45.8 40.2 60.4
 164 32.7 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

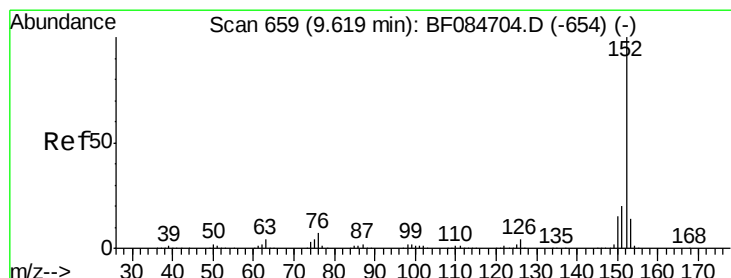
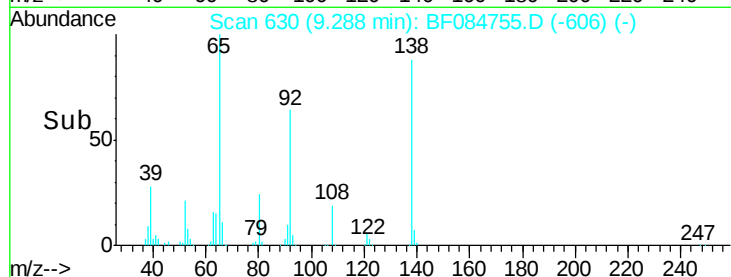
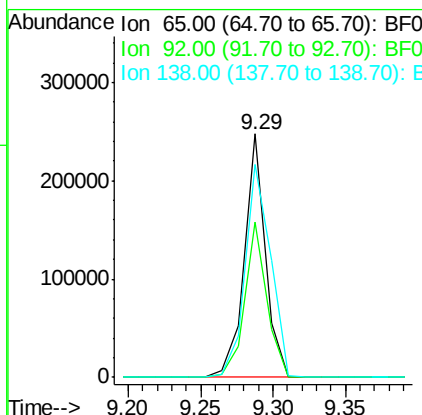
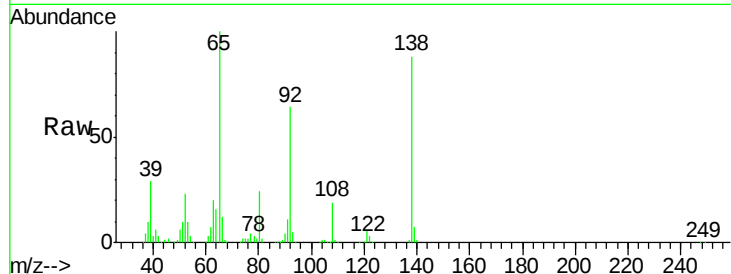




#47
2-Nitroaniline
Concen: 35.90 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

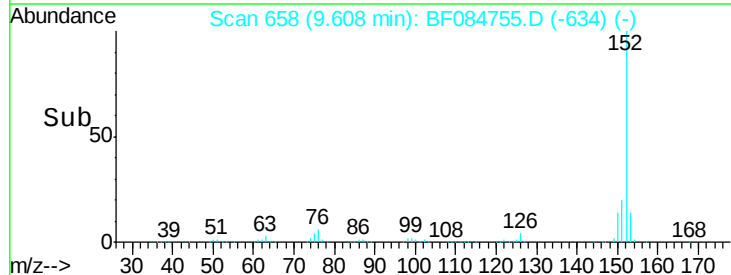
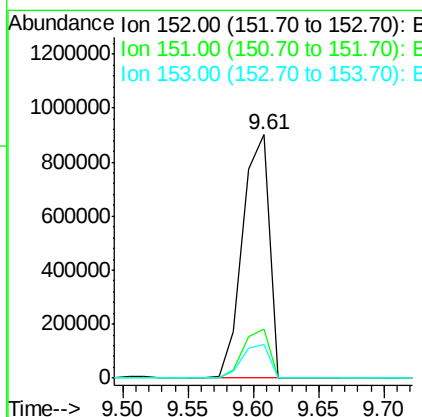
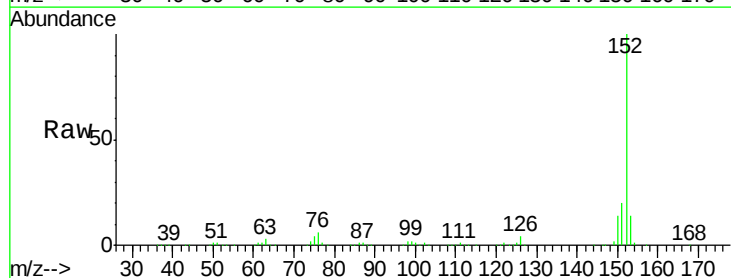
Instrument :
BNA_F
ClientSampleId :
PB88135BS

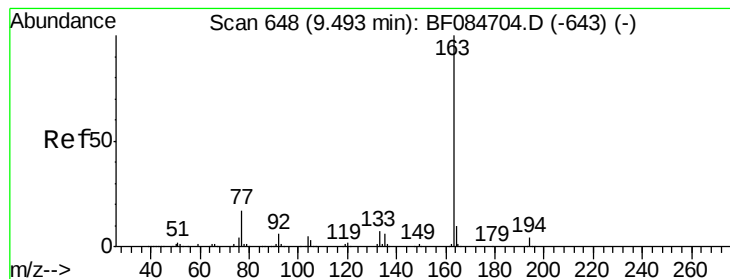
Tgt Ion: 65 Resp: 249380
Ion Ratio Lower Upper
65 100
92 64.0 53.4 80.2
138 87.7 71.1 106.7



#48
Acenaphthylene
Concen: 38.28 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.02 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

Tgt Ion: 152 Resp: 1274432
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.9 10.4 15.6





#49

Dimethylphthalate

Concen: 40.46 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

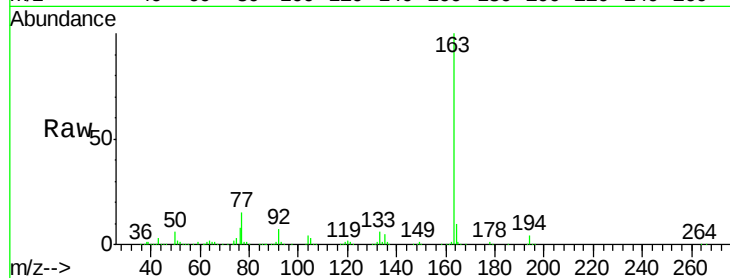
Tgt Ion:163 Resp: 1027873

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

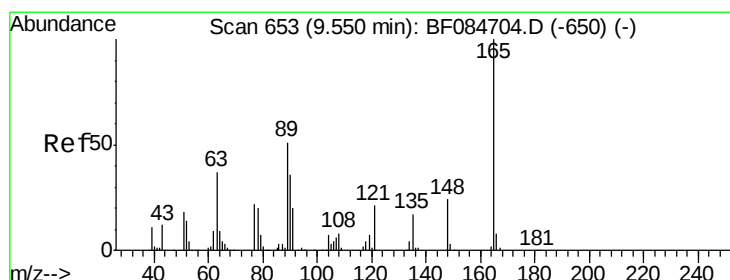
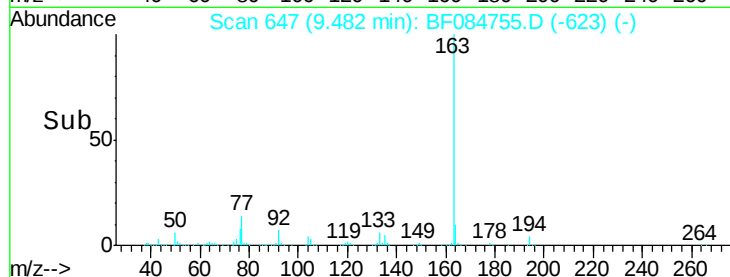
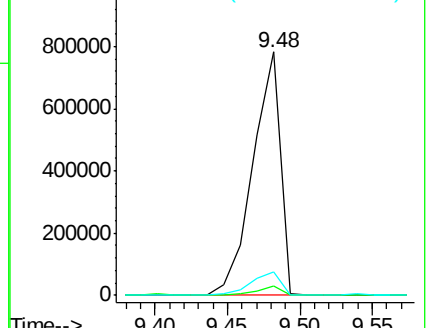
164 9.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.99 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

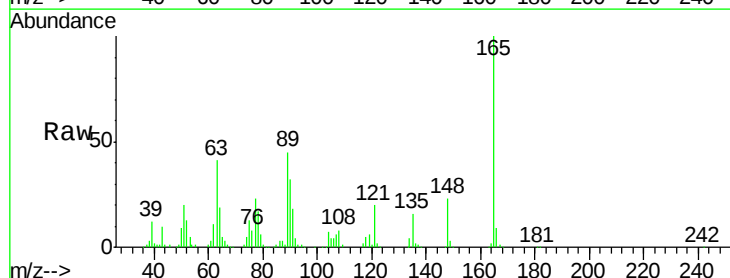
Tgt Ion:165 Resp: 238529

Ion Ratio Lower Upper

165 100

63 41.1 28.8 43.2

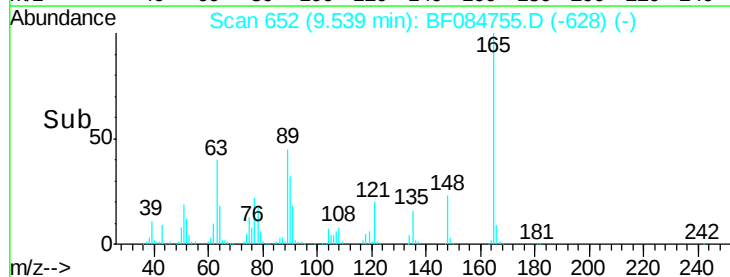
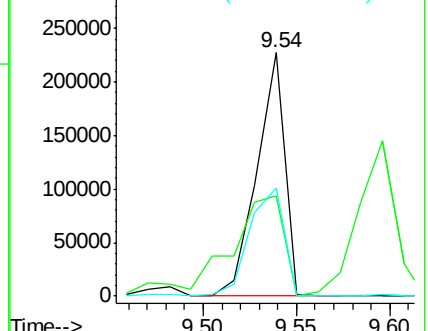
89 44.6 35.1 52.7

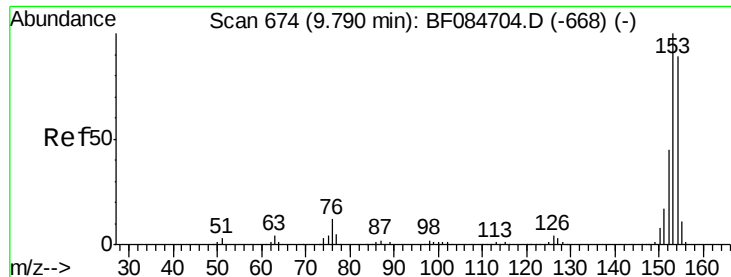


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.05 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

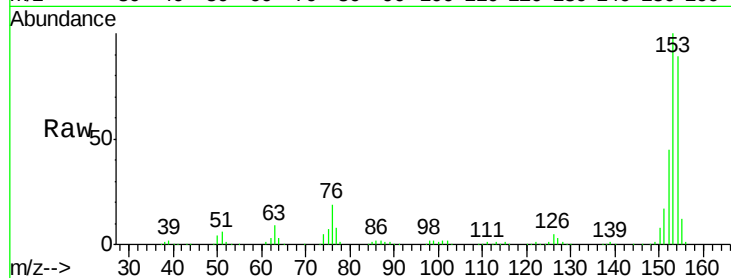
Tgt Ion:154 Resp: 824130

Ion Ratio Lower Upper

154 100

153 112.7 91.5 137.3

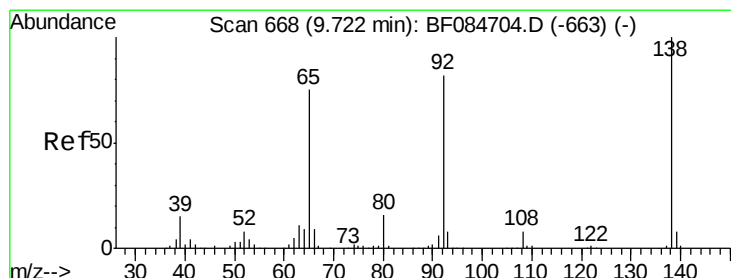
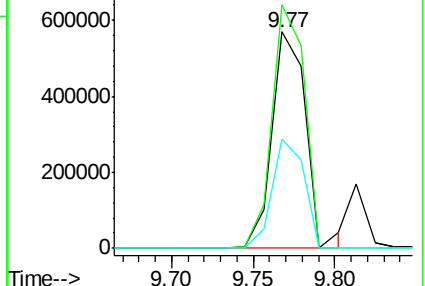
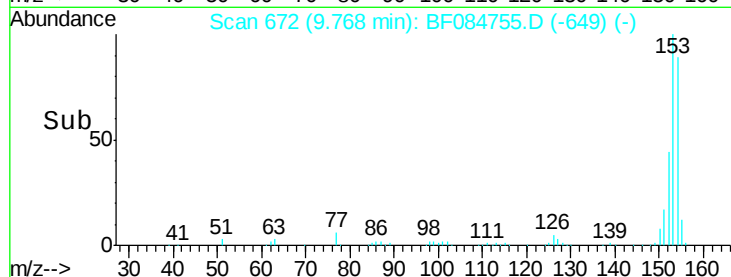
152 50.4 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.54 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

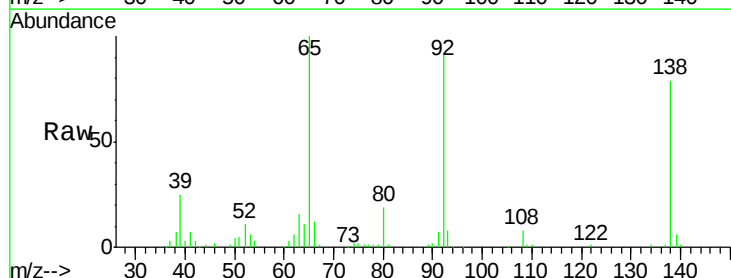
Tgt Ion:138 Resp: 65702

Ion Ratio Lower Upper

138 100

108 9.8 10.5 15.7#

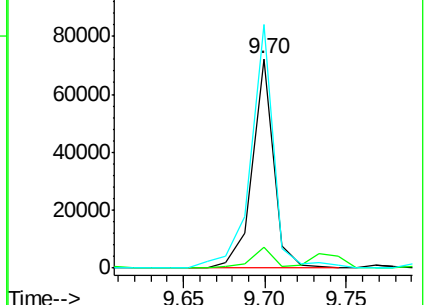
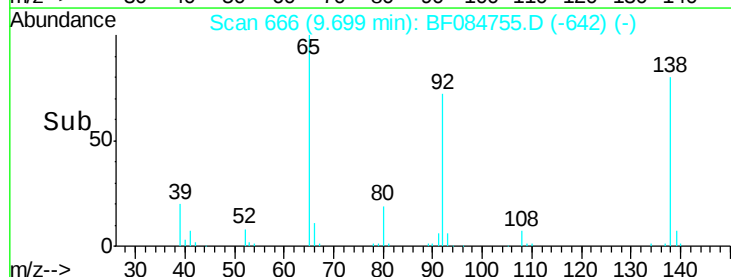
92 116.4 103.9 155.9

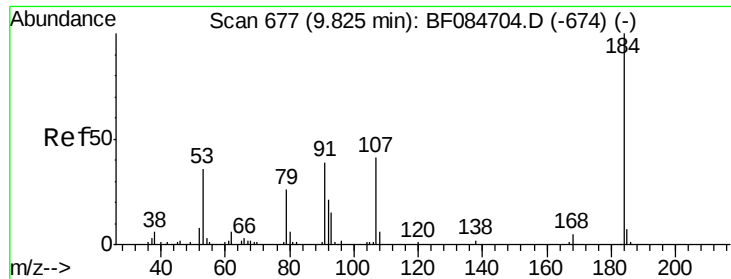


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

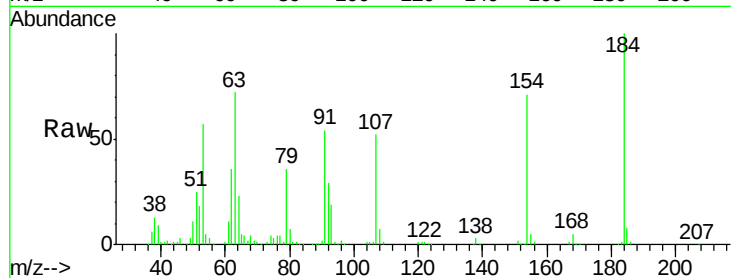




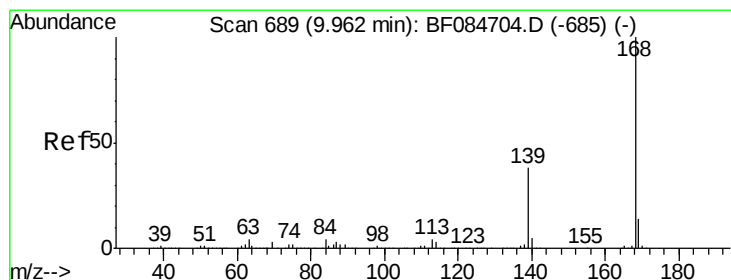
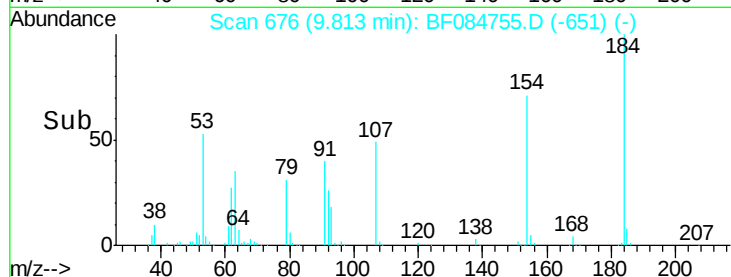
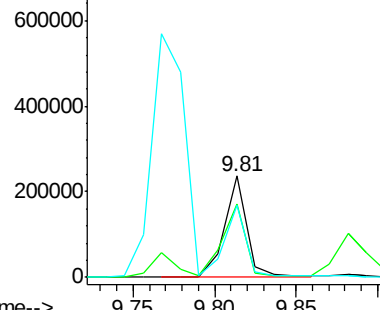
#53
2,4-Dinitrophenol
Concen: 88.56 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

Instrument :
BNA_F
ClientSampleId :
PB88135BS

Tgt Ion:184 Resp: 228521
Ion Ratio Lower Upper
184 100
63 71.9 43.1 64.7#
154 71.1 60.5 90.7

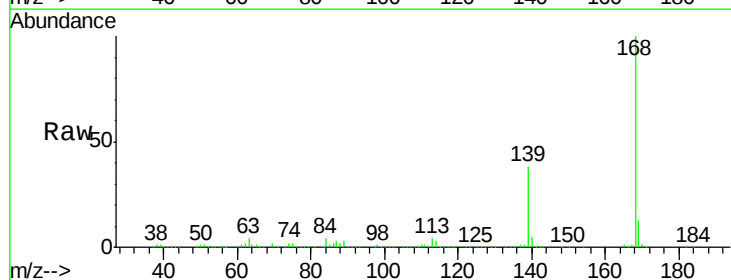


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

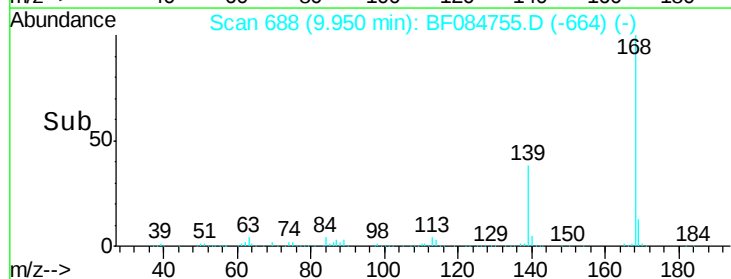
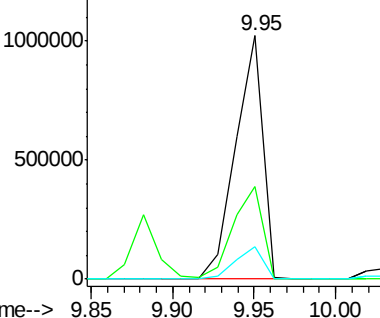


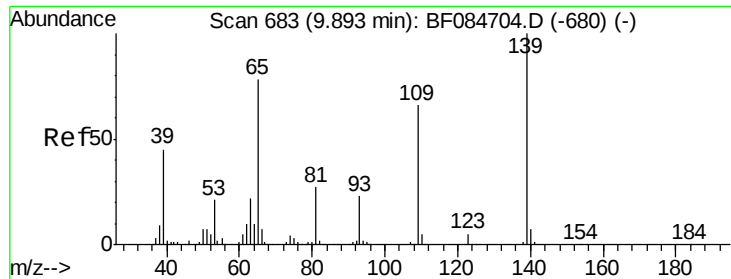
#54
Dibenzofuran
Concen: 45.11 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

Tgt Ion:168 Resp: 1194114
Ion Ratio Lower Upper
168 100
139 38.0 30.5 45.7
169 13.1 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 64.06 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

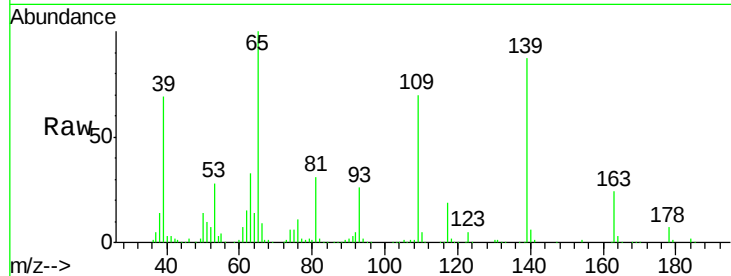
Tgt Ion:139 Resp: 293567

Ion Ratio Lower Upper

139 100

109 80.3 58.5 98.5

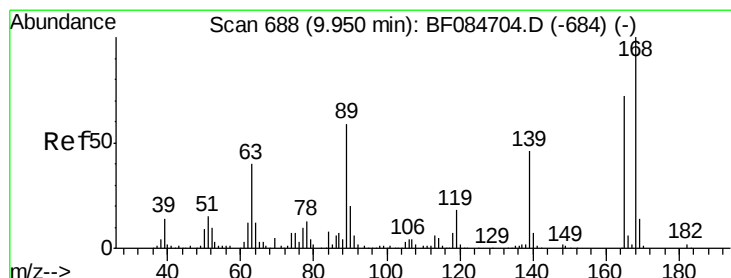
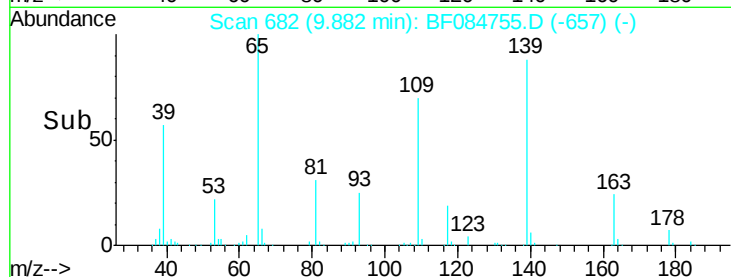
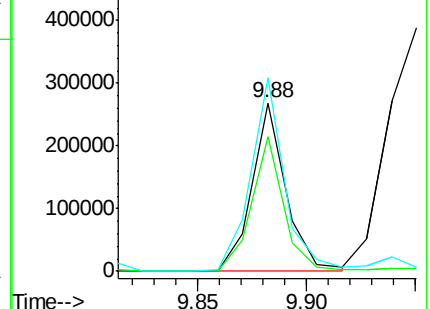
65 115.4 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.54 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Tgt Ion:165 Resp: 286933

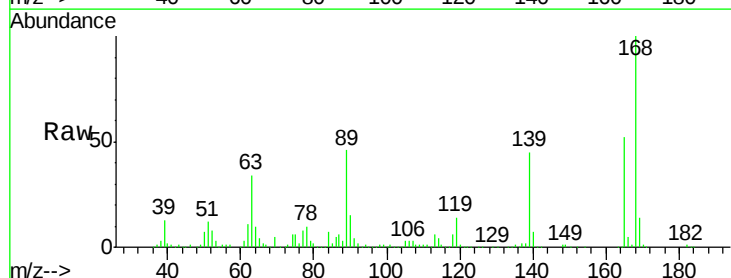
Ion Ratio Lower Upper

165 100

63 64.8 36.7 55.1#

89 88.4 61.9 92.9

182 2.2 2.0 3.0

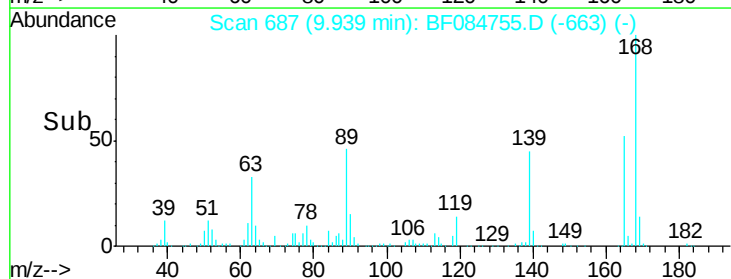
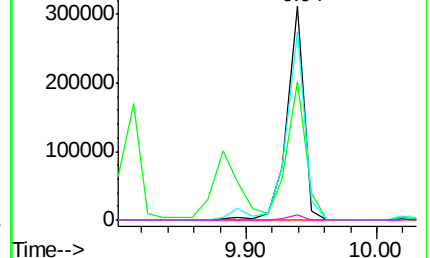


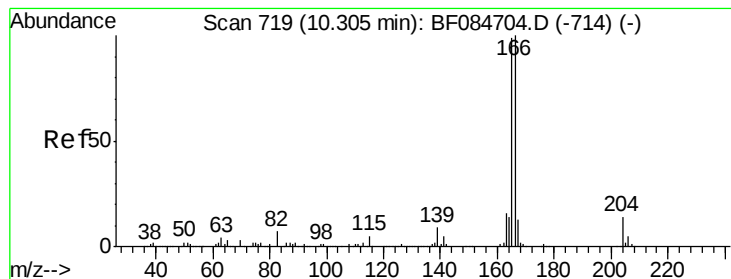
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.11 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

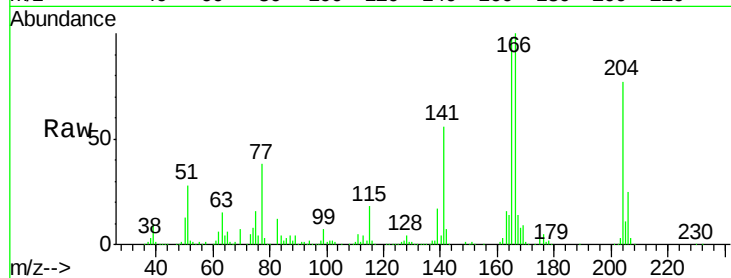
Tgt Ion:166 Resp: 864555

Ion Ratio Lower Upper

166 100

165 98.2 79.1 118.7

167 14.0 10.4 15.6

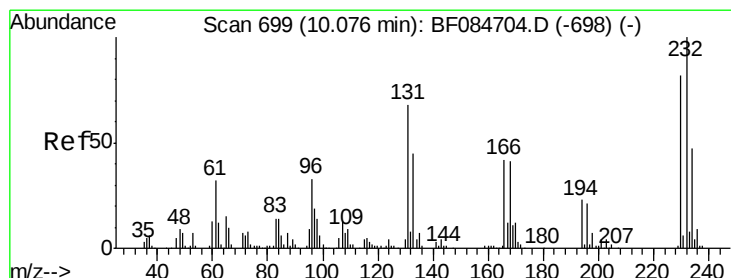
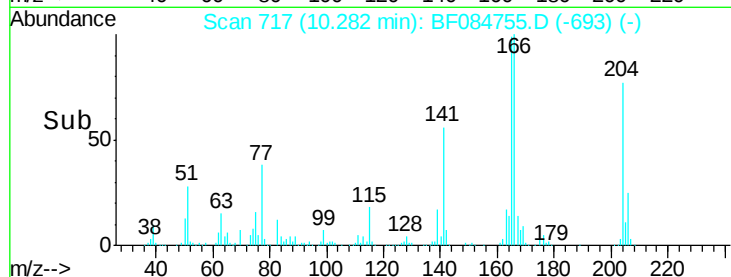
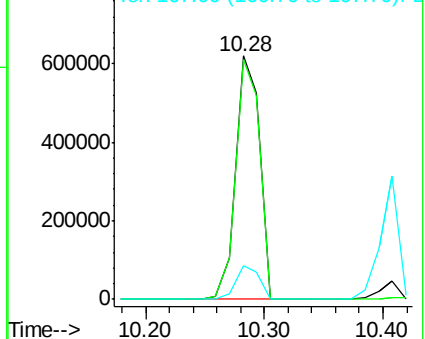


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.97 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Tgt Ion:232 Resp: 232090

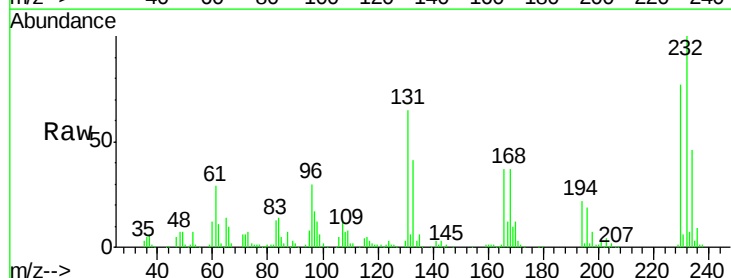
Ion Ratio Lower Upper

232 100

131 52.2 47.0 70.6

130 2.4 2.0 3.0

166 31.5 30.5 45.7



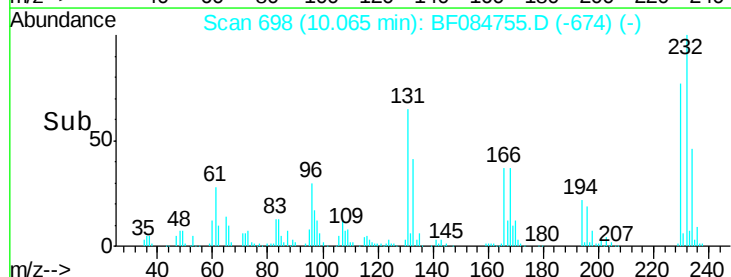
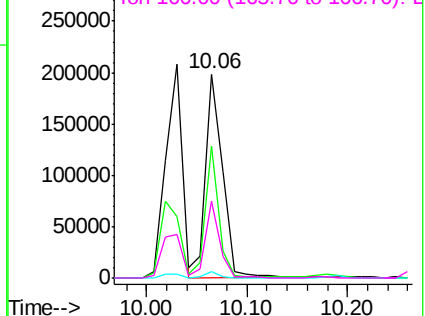
Abundance

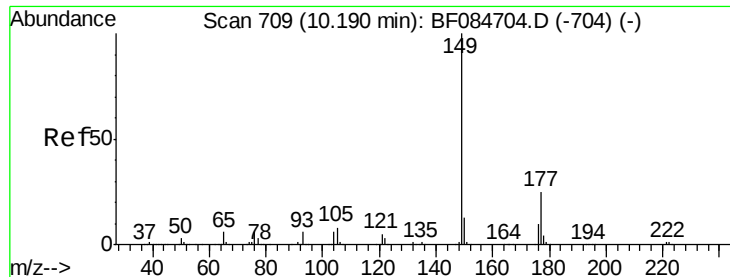
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

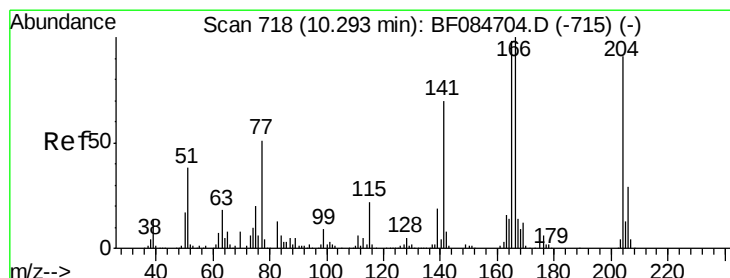
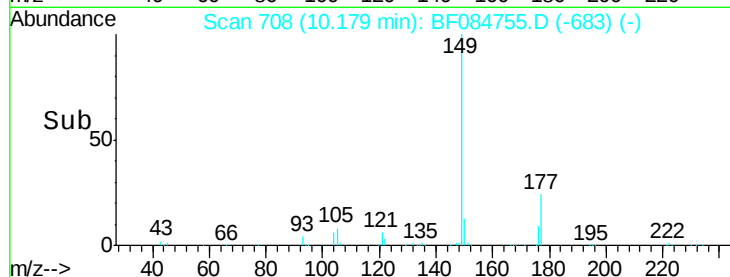
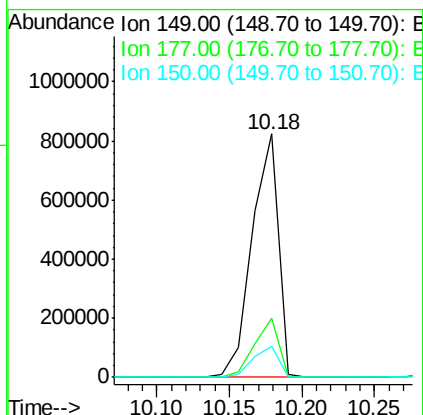
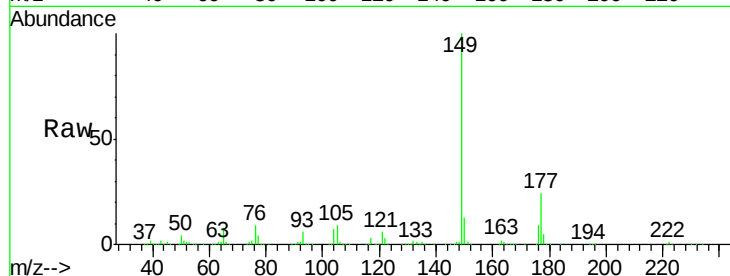




#59
Diethylphthalate
Concen: 41.64 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

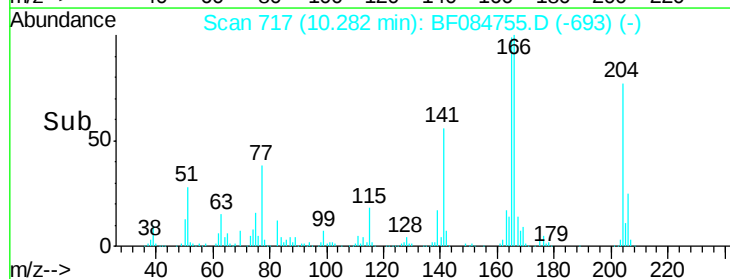
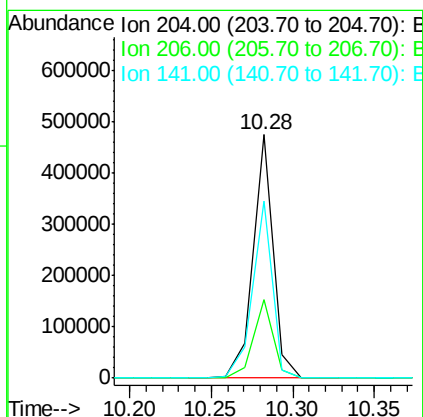
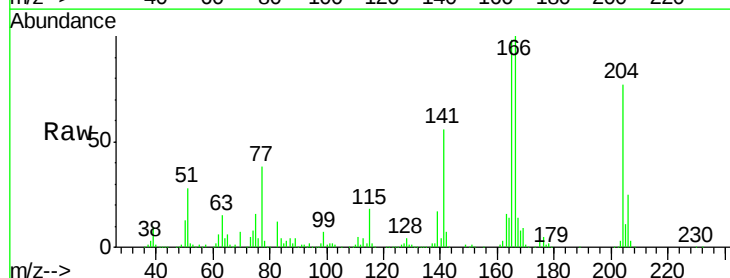
Instrument :
BNA_F
ClientSampleId :
PB88135BS

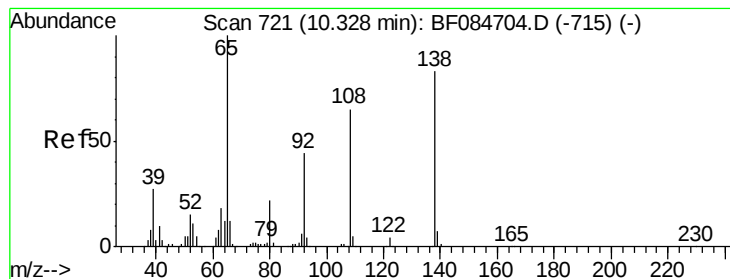
Tgt Ion:149 Resp: 1032781
Ion Ratio Lower Upper
149 100
177 24.4 17.3 25.9
150 12.7 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 43.66 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

Tgt Ion:204 Resp: 407500
Ion Ratio Lower Upper
204 100
206 32.3 25.7 38.5
141 72.6 55.1 82.7





#61

4-Nitroaniline

Concen: 35.21 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

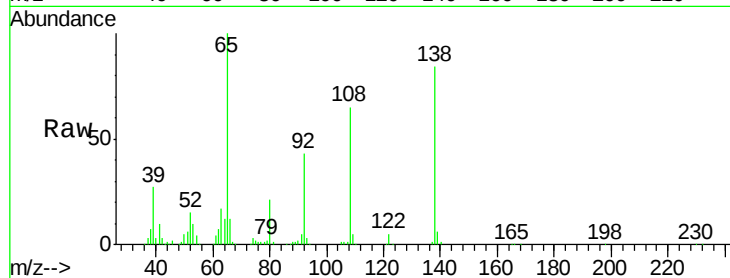
Tgt Ion:138 Resp: 213922

Ion Ratio Lower Upper

138 100

92 51.7 32.6 72.6

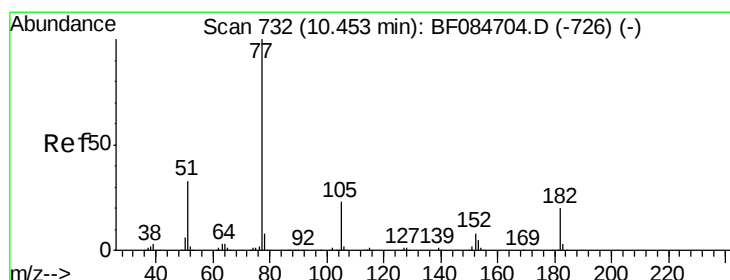
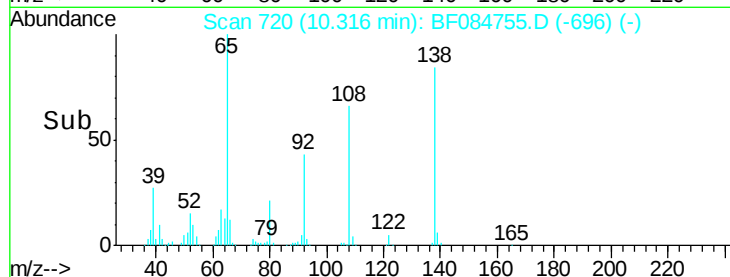
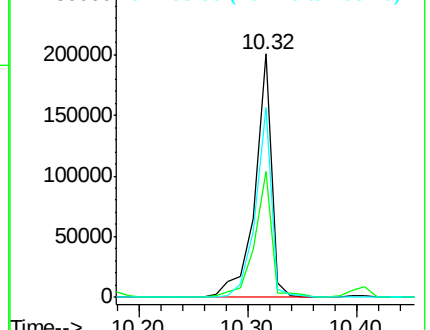
108 78.0 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.97 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Tgt Ion: 77 Resp: 1072626

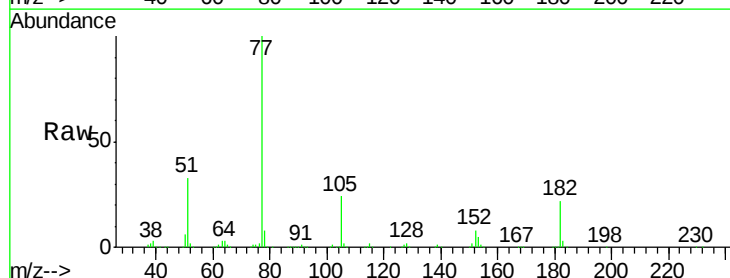
Ion Ratio Lower Upper

77 100

182 22.3 8.3 48.3

105 24.0 4.6 44.6

51 32.8 6.2 46.2

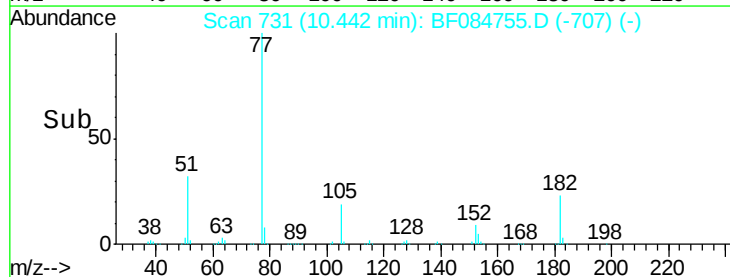
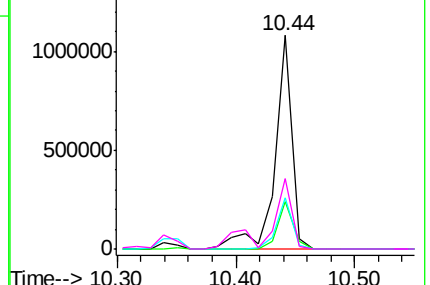


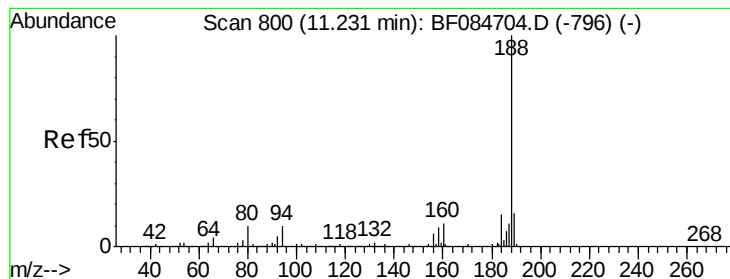
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

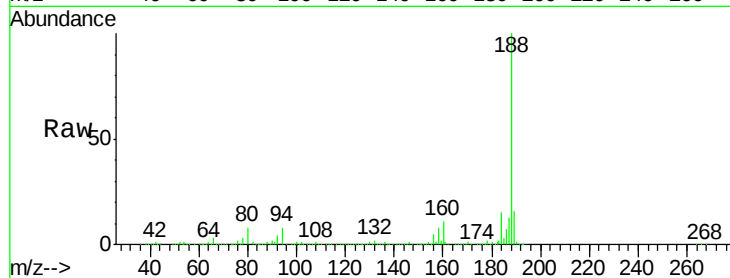
Tgt Ion:188 Resp: 657295

Ion Ratio Lower Upper

188 100

94 8.3 9.0 13.4#

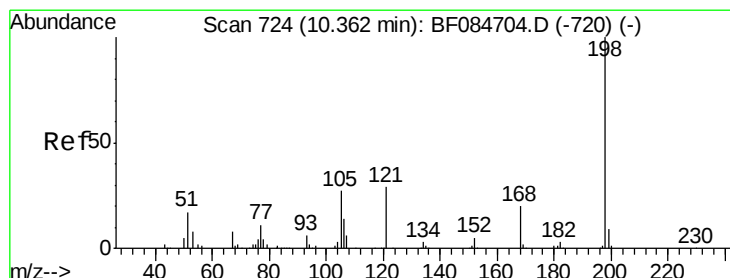
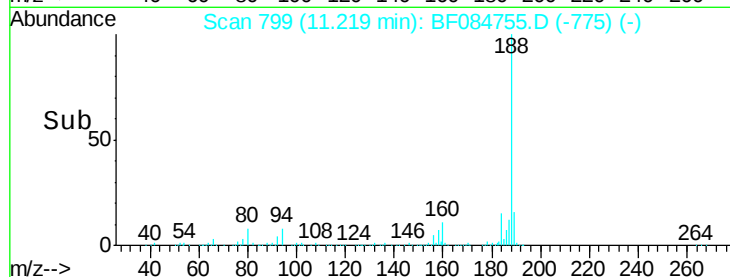
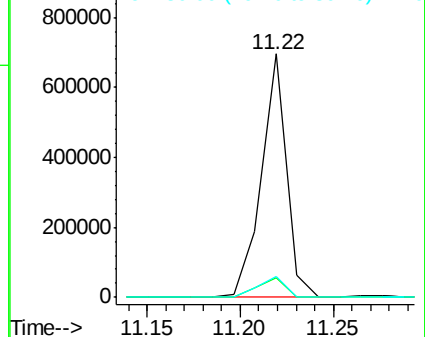
80 8.5 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.24 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

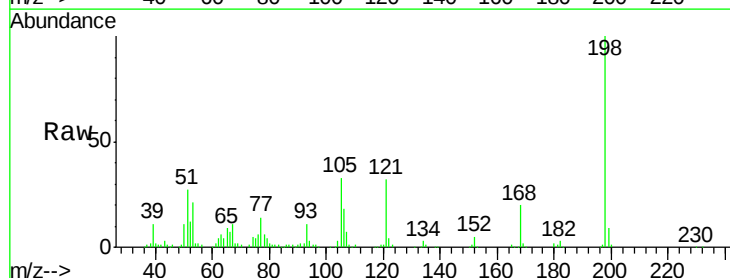
Tgt Ion:198 Resp: 171372

Ion Ratio Lower Upper

198 100

51 27.2 18.9 58.9

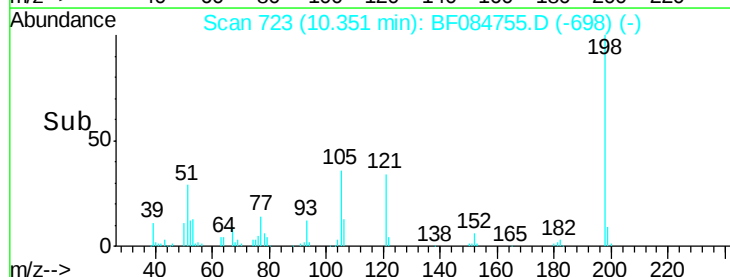
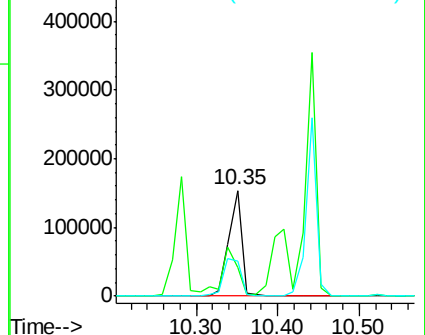
105 33.2 26.4 66.4

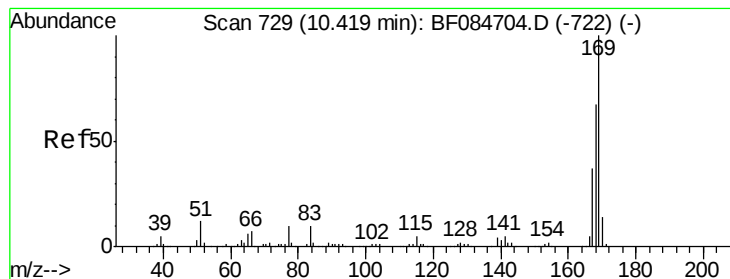


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.11 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampled :

PB88135BS

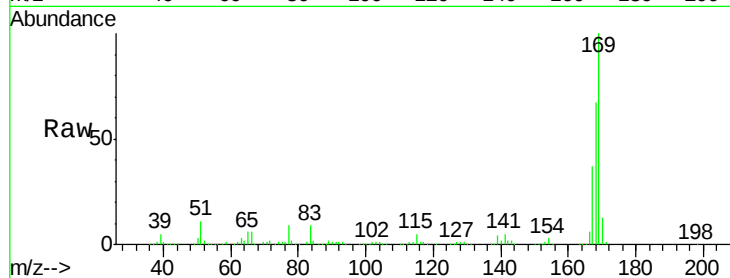
Tgt Ion:169 Resp: 878822

Ion Ratio Lower Upper

169 100

168 66.6 55.1 82.7

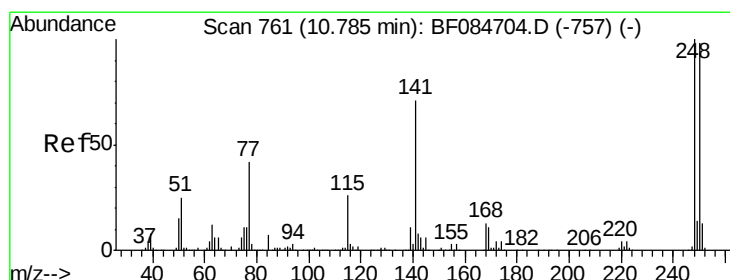
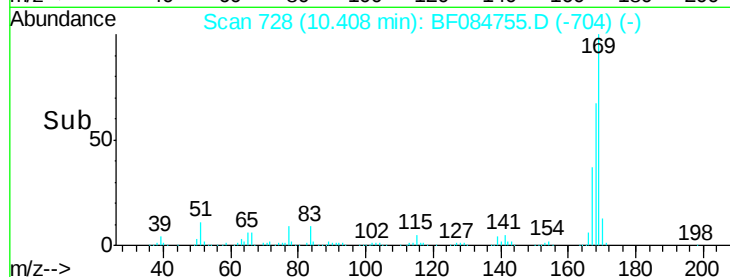
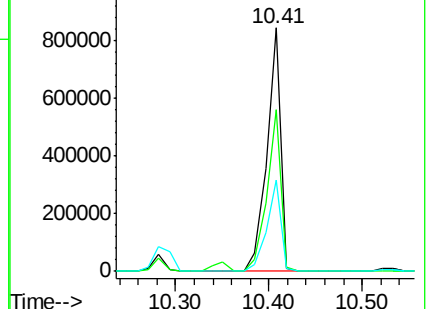
167 37.4 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.18 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

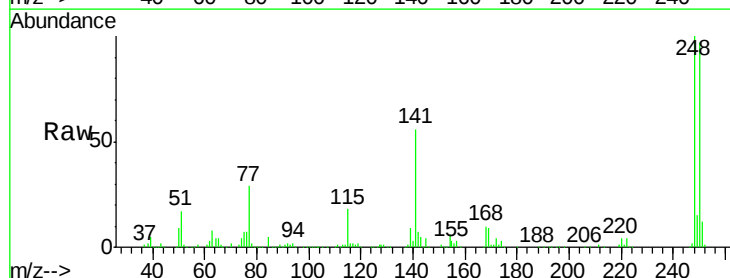
Tgt Ion:248 Resp: 291707

Ion Ratio Lower Upper

248 100

250 97.5 78.4 117.6

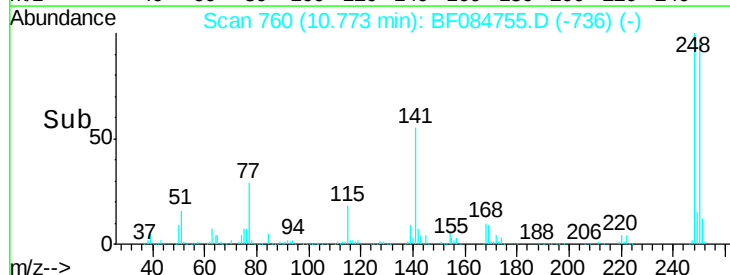
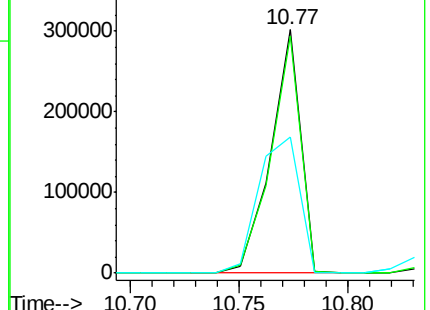
141 55.9 44.0 66.0

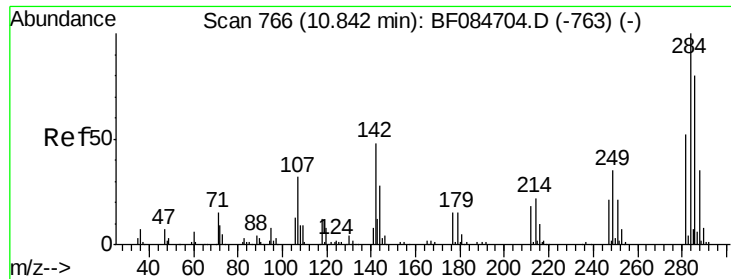


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

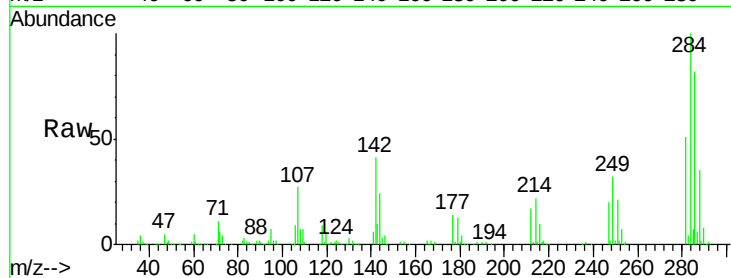




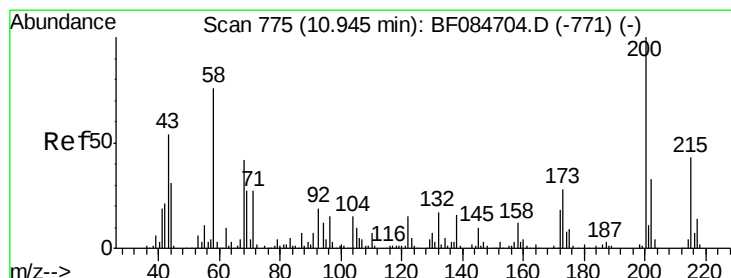
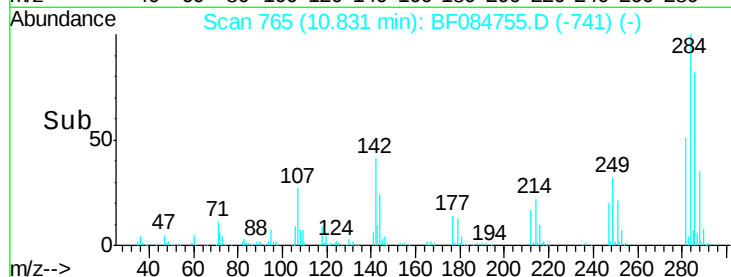
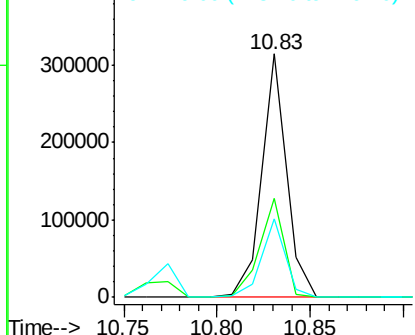
#67
Hexachlorobenzene
Concen: 36.25 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

Instrument :
BNA_F
ClientSampleId :
PB88135BS

Tgt Ion:284 Resp: 286753
Ion Ratio Lower Upper
284 100
142 40.7 22.2 33.4#
249 32.1 24.6 37.0

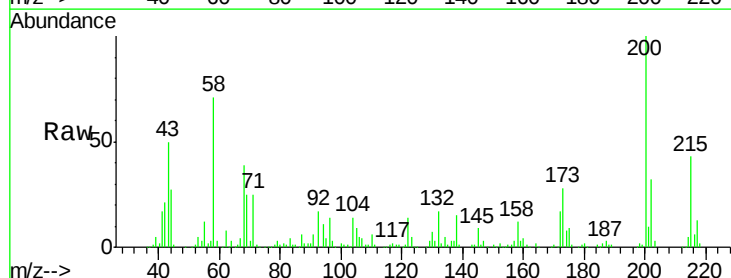


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

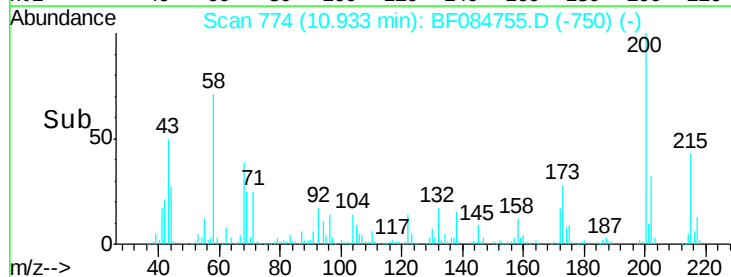
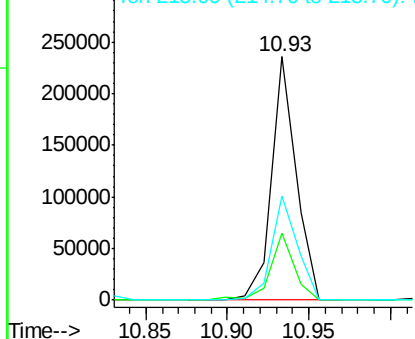


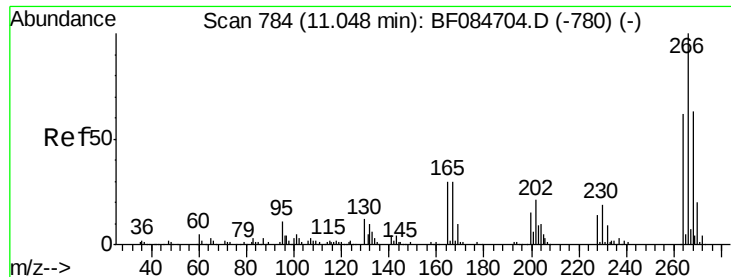
#68
Atrazine
Concen: 37.60 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

Tgt Ion:200 Resp: 247826
Ion Ratio Lower Upper
200 100
173 27.7 9.5 49.5
215 42.5 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

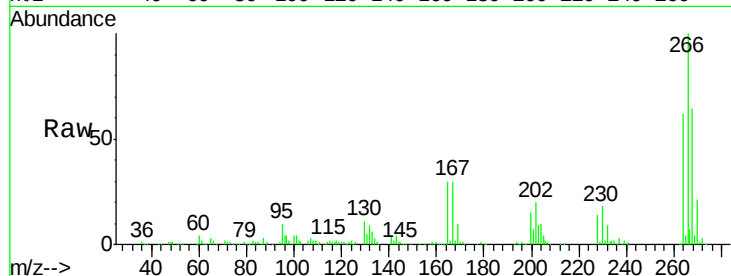




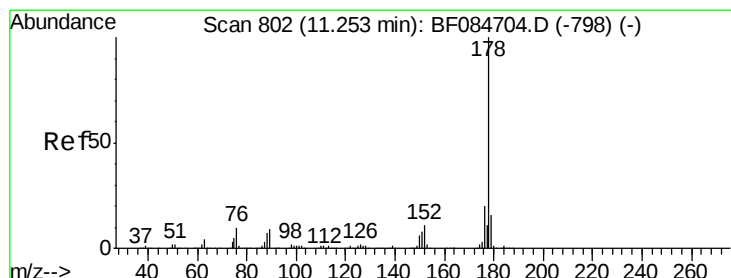
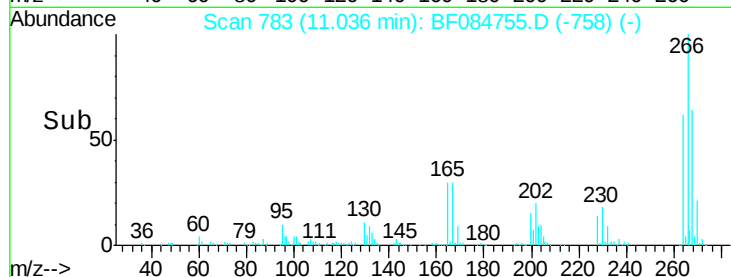
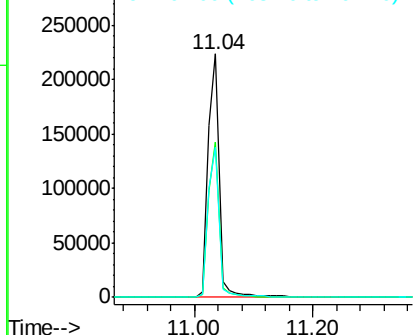
#69
 Pentachlorophenol
 Concen: 79.02 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88135BS

Tgt Ion:266 Resp: 293760
 Ion Ratio Lower Upper
 266 100
 268 64.0 52.4 78.6
 264 61.7 50.2 75.2

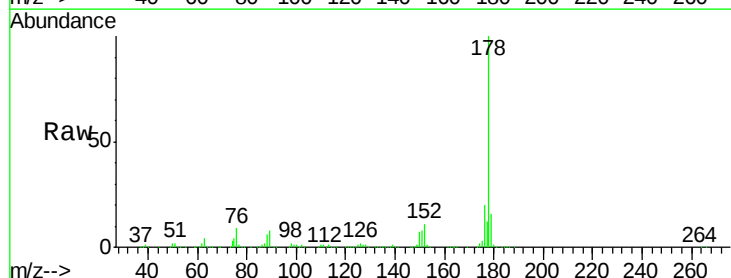


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

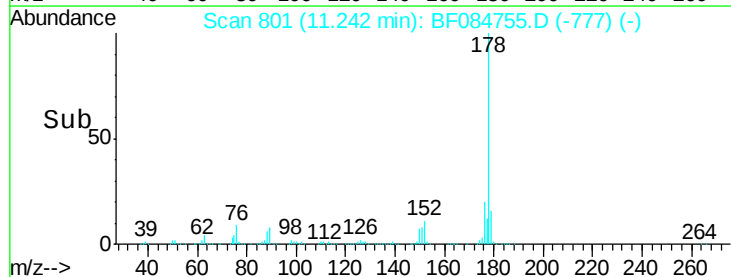
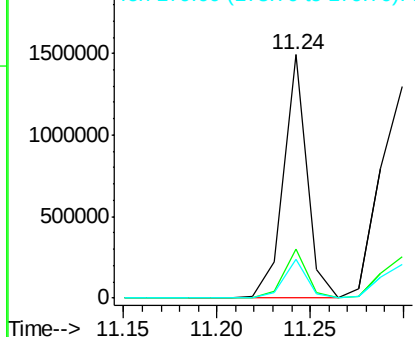


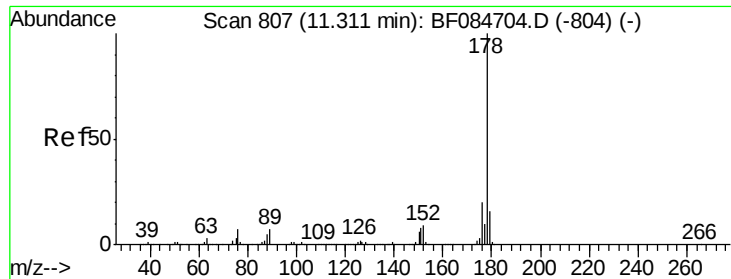
#70
 Phenanthrene
 Concen: 35.92 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Tgt Ion:178 Resp: 1309591
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.3 22.9
 179 15.9 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.55 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

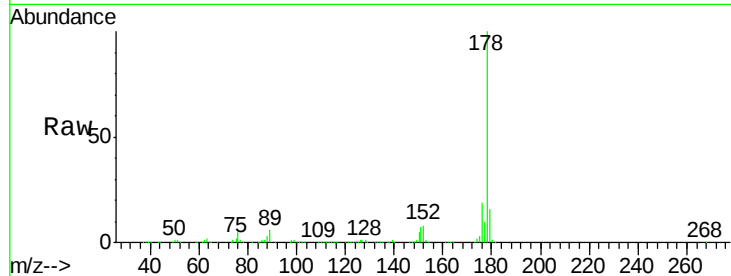
Tgt Ion:178 Resp: 1489632

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

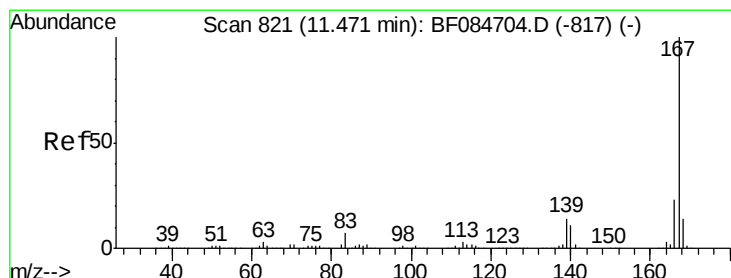
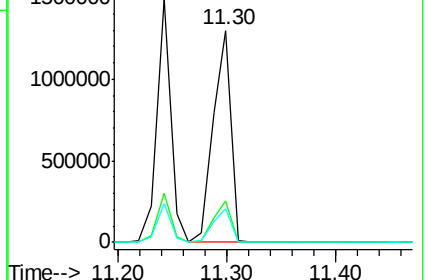
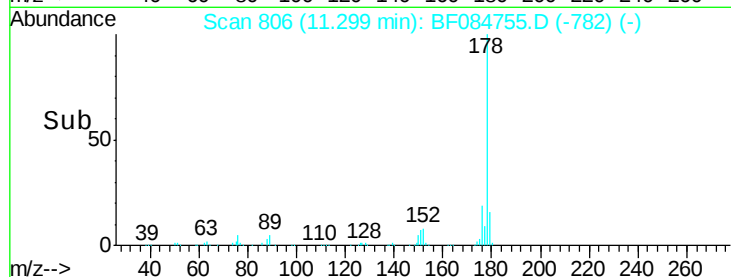
179 15.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.17 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

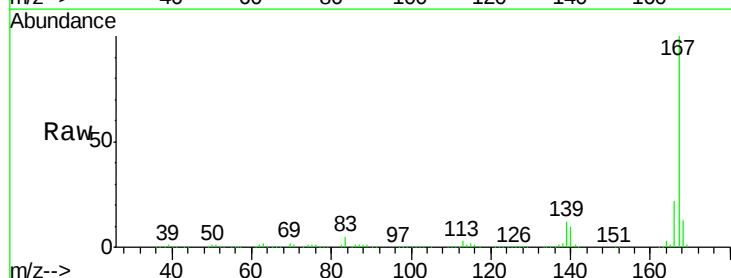
Tgt Ion:167 Resp: 1318860

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

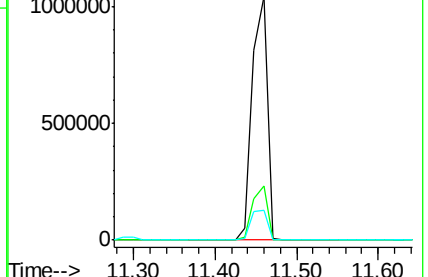
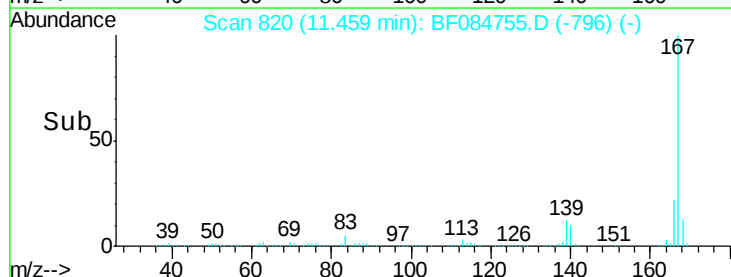
139 12.4 11.8 17.8

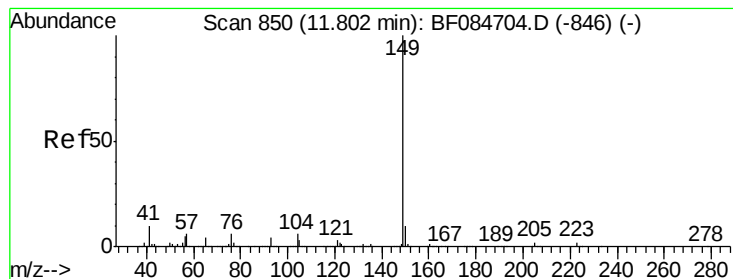


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.06 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

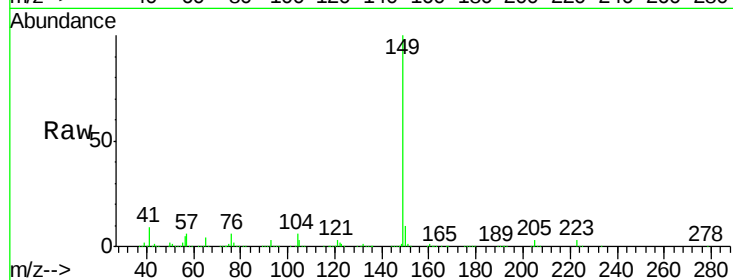
Tgt Ion:149 Resp: 1429839

Ion Ratio Lower Upper

149 100

150 10.0 7.1 10.7

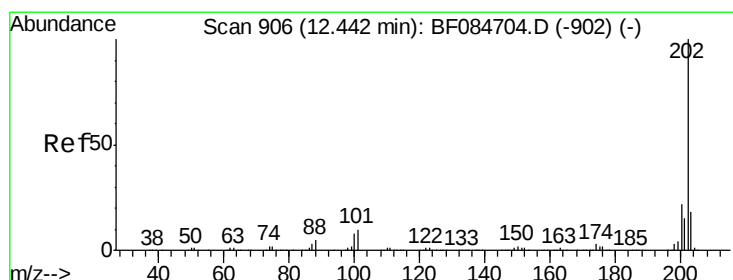
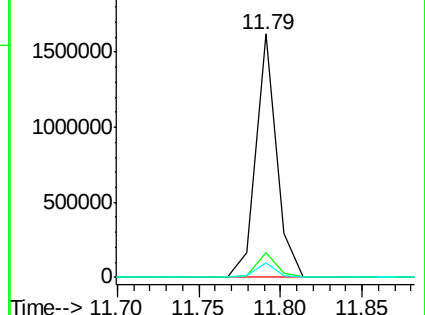
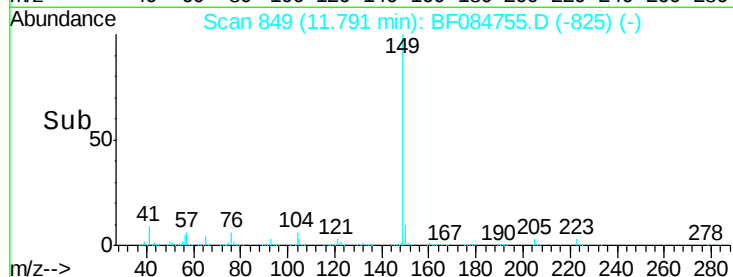
104 6.0 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.69 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

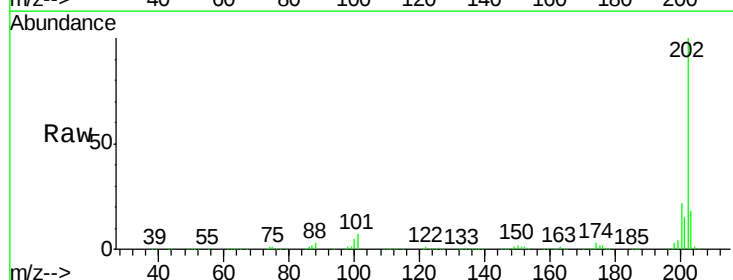
Tgt Ion:202 Resp: 1501255

Ion Ratio Lower Upper

202 100

101 6.9 0.0 32.8

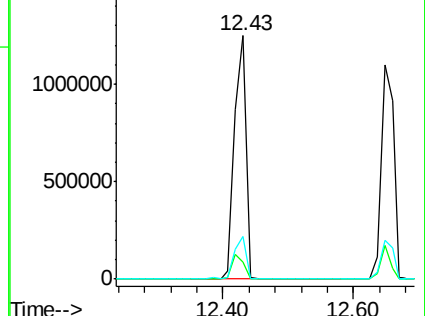
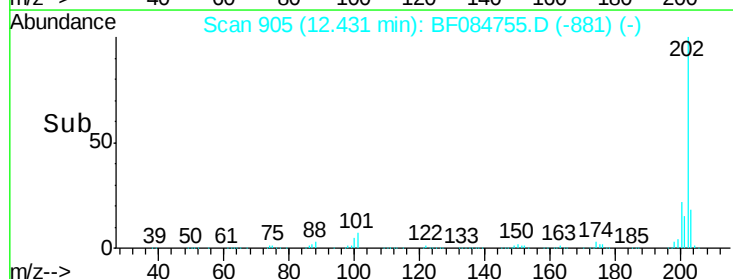
203 17.7 0.0 37.9

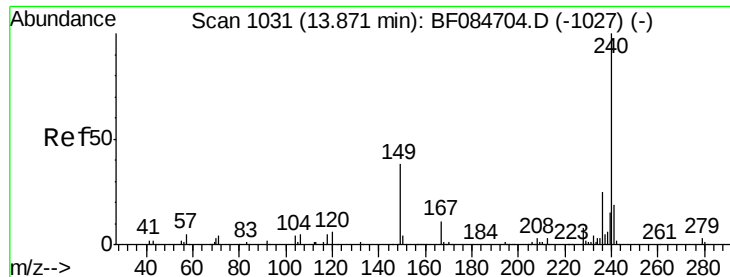


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

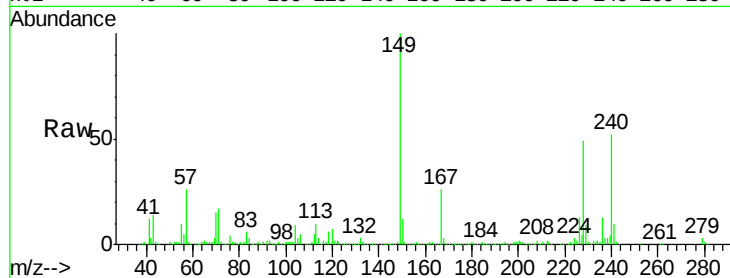
Tgt Ion:240 Resp: 467949

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

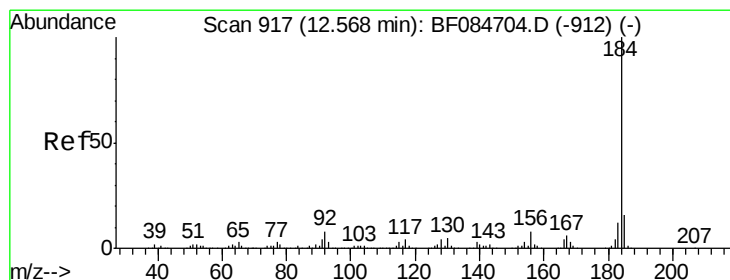
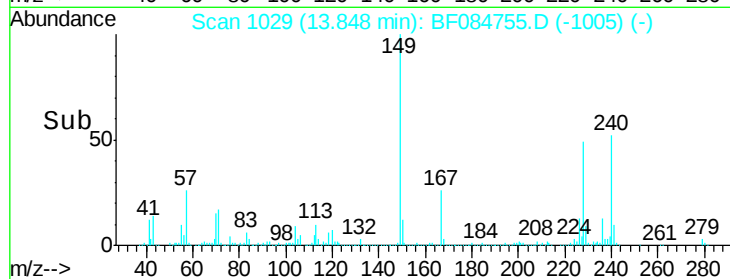
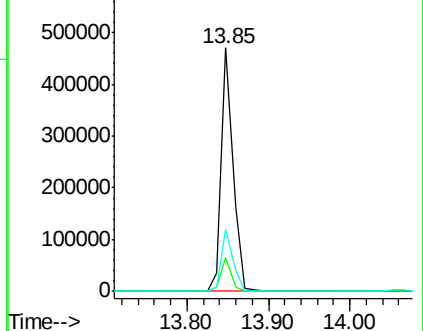
236 25.2 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.97 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

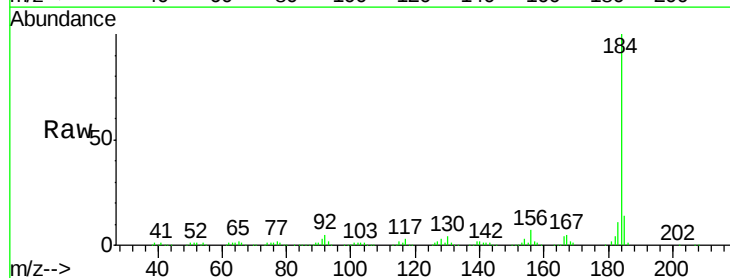
Tgt Ion:184 Resp: 321448

Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.2

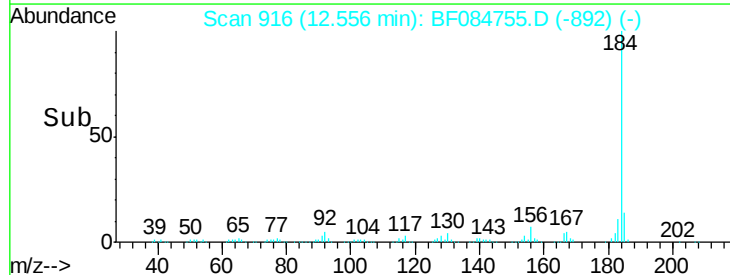
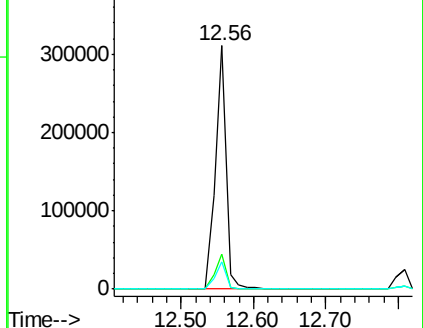
183 11.4 9.8 14.8

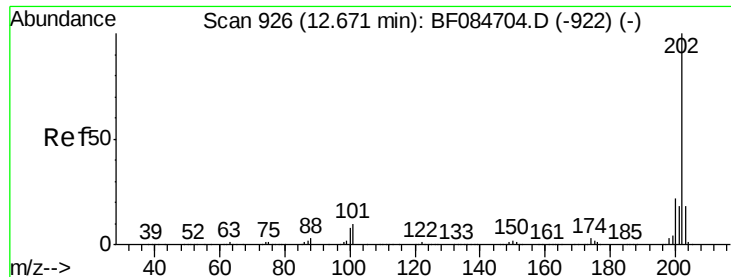


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

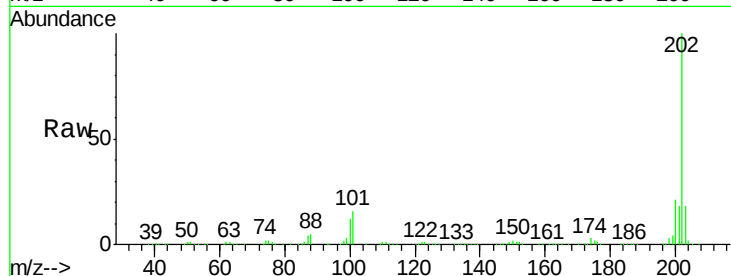




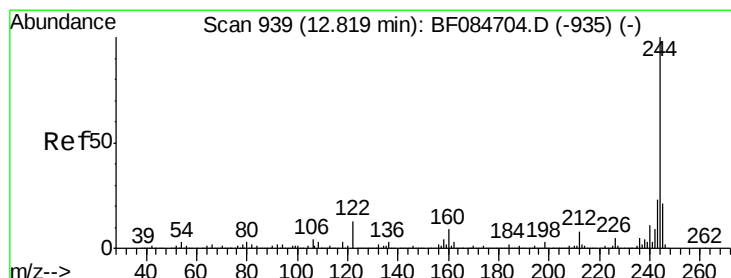
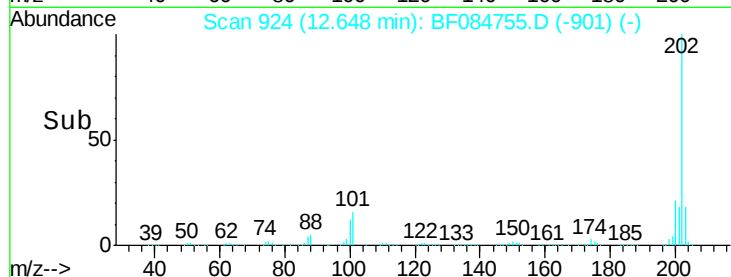
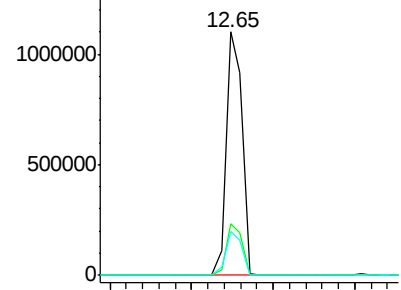
#77
 Pyrene
 Concen: 41.08 ng
 RT: 12.65 min Scan# 924
 Delta R.T. -0.03 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88135BS

Tgt Ion: 202 Resp: 1471620
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.2 25.8
 203 18.2 14.3 21.5

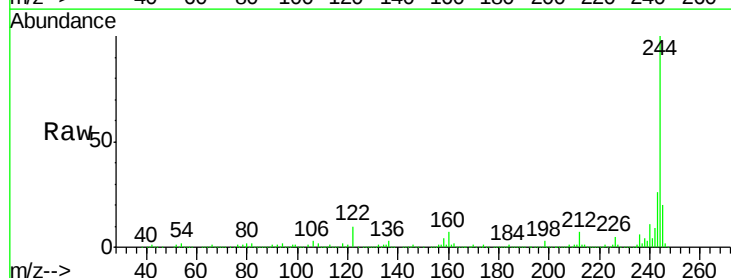


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

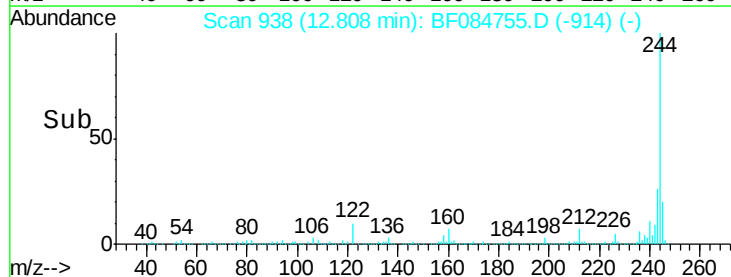
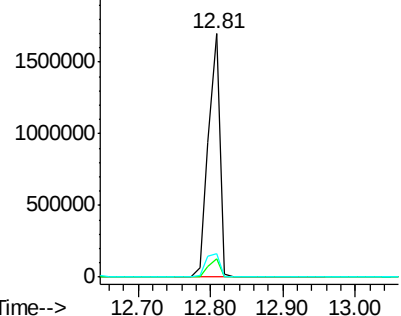


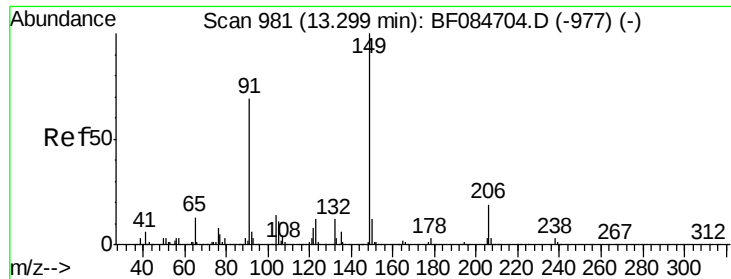
#78
 Terphenyl-d14
 Concen: 90.95 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Tgt Ion: 244 Resp: 1878189
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 9.6 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.64 ng

RT: 13.29 min Scan# 980

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

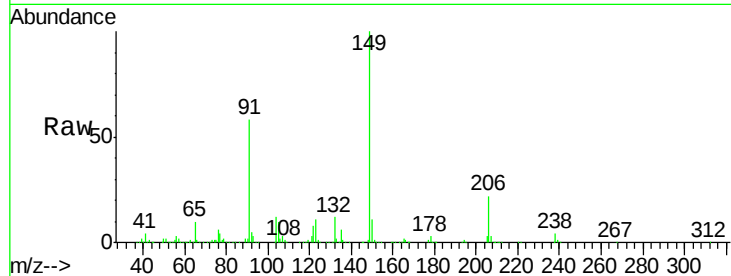
Tgt Ion:149 Resp: 676788

Ion Ratio Lower Upper

149 100

91 58.1 57.6 86.4

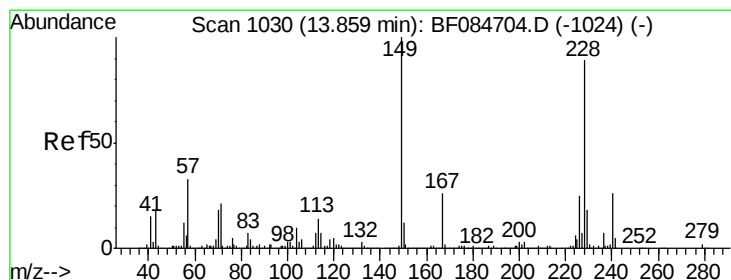
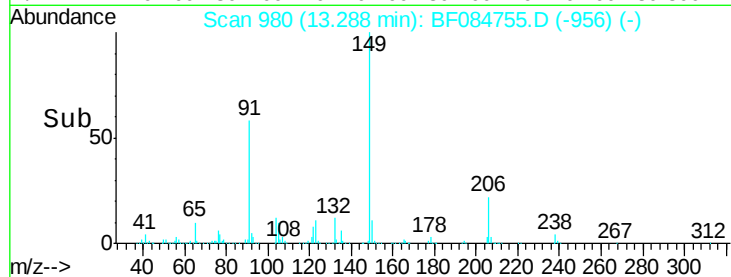
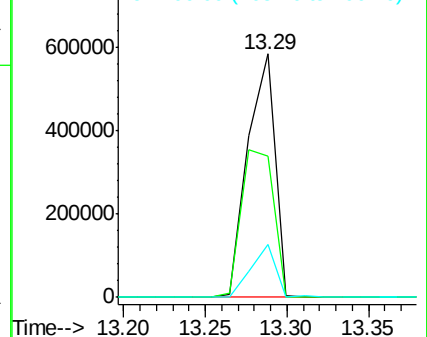
206 21.6 13.2 19.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.25 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

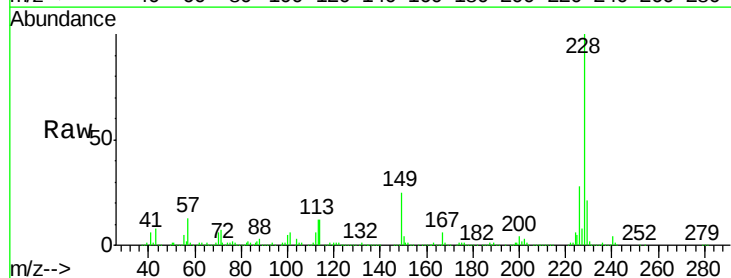
Tgt Ion:228 Resp: 1169135

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.6

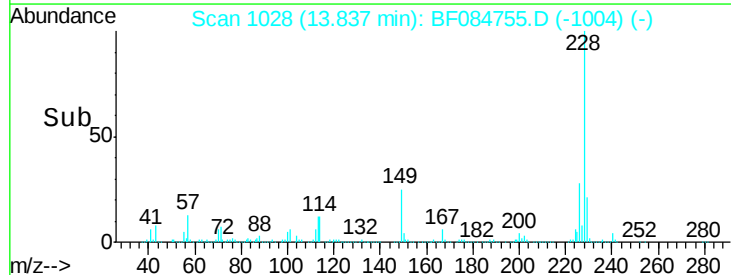
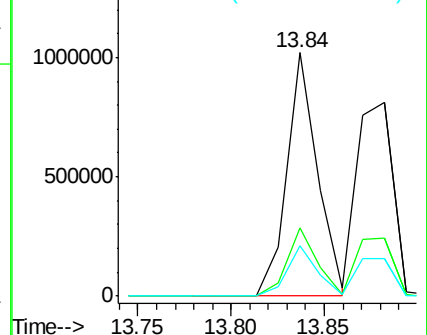
229 20.8 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

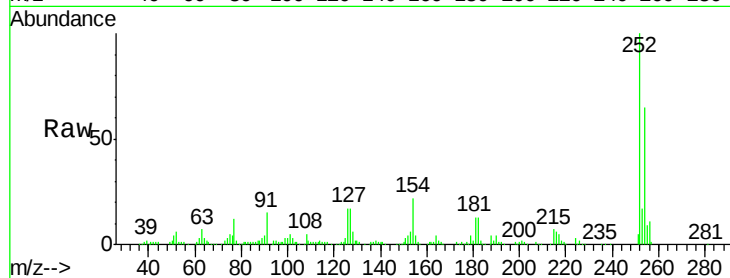




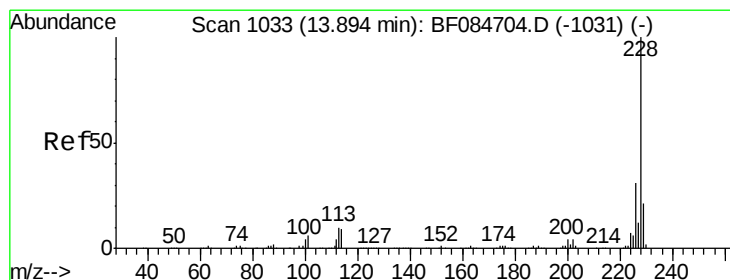
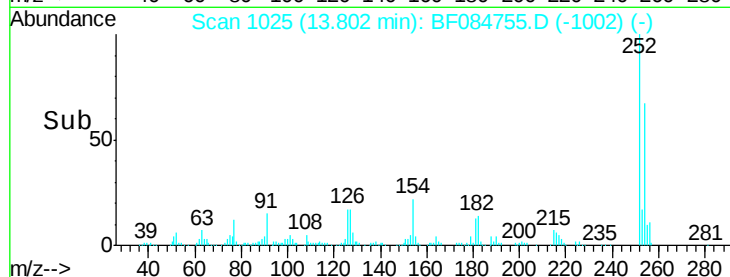
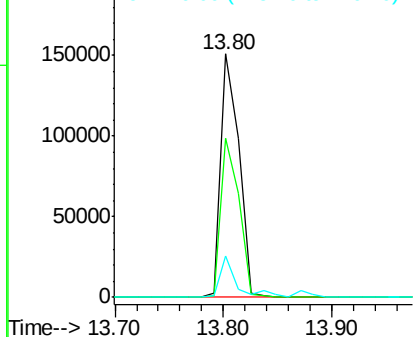
#81
 3,3'-Dichlorobenzidine
 Concen: 17.12 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88135BS

Tgt Ion:252 Resp: 176076
 Ion Ratio Lower Upper
 252 100
 254 65.4 53.5 80.3
 126 16.9 4.9 7.3#

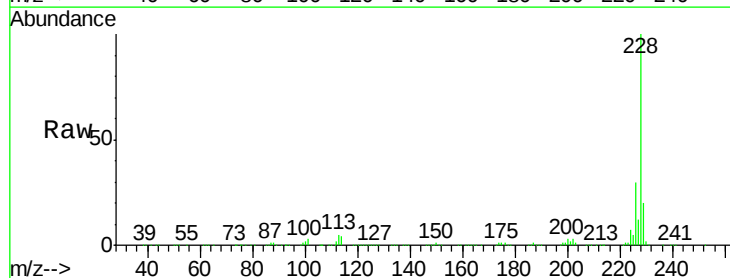


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

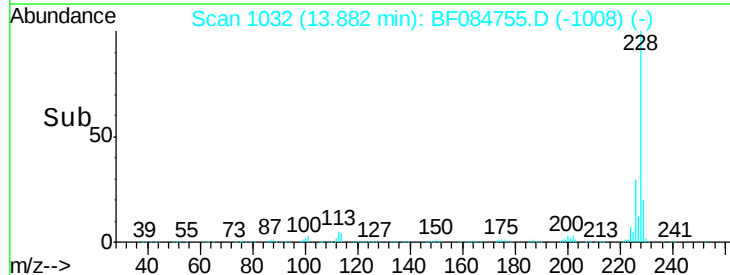
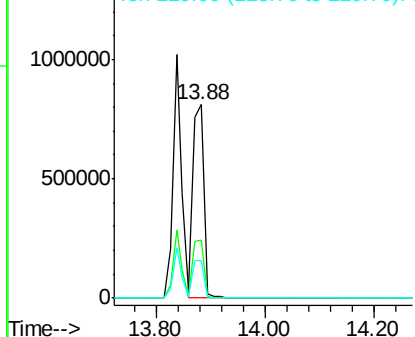


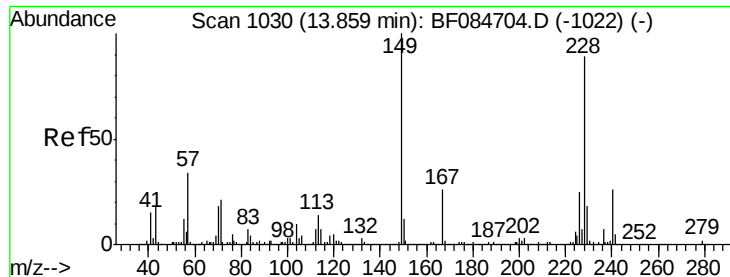
#82
 Chrysene
 Concen: 39.21 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Tgt Ion:228 Resp: 1104165
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 19.6 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

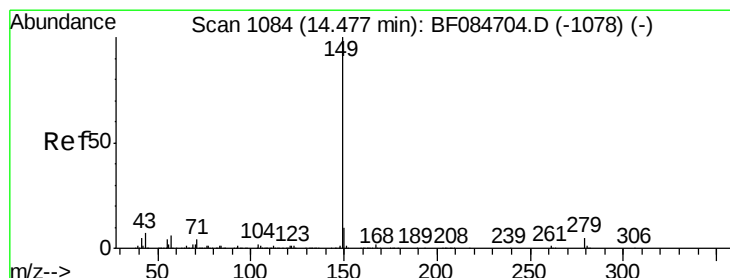
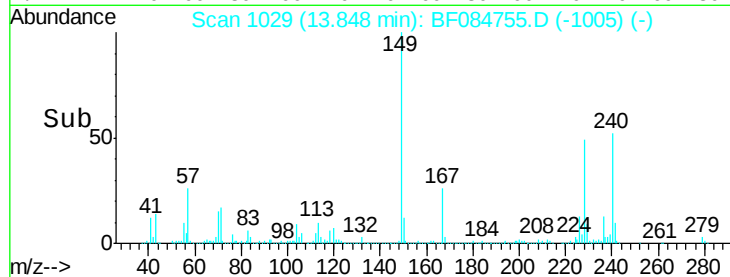
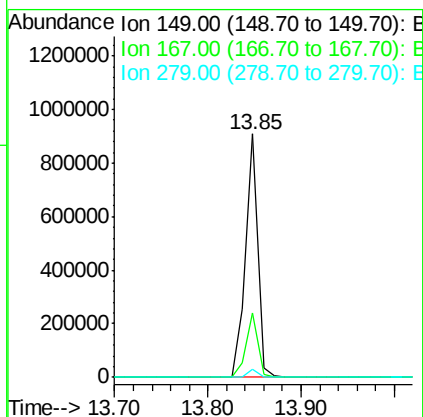
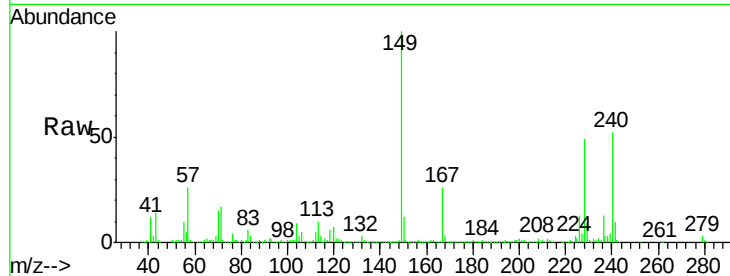




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.01 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

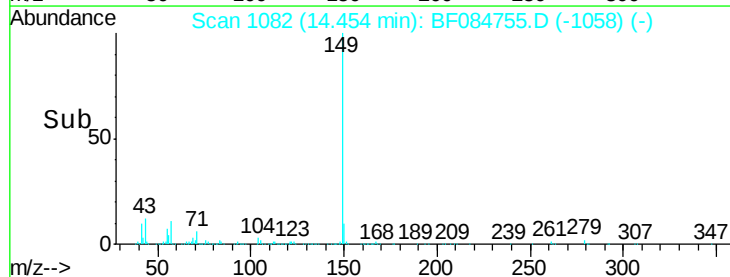
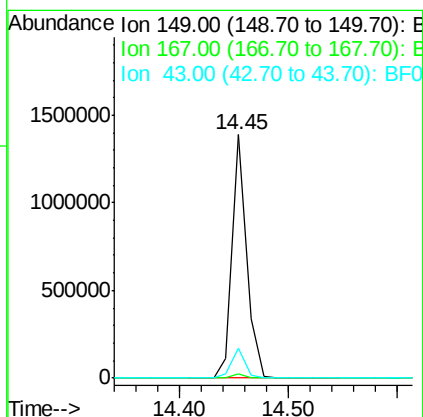
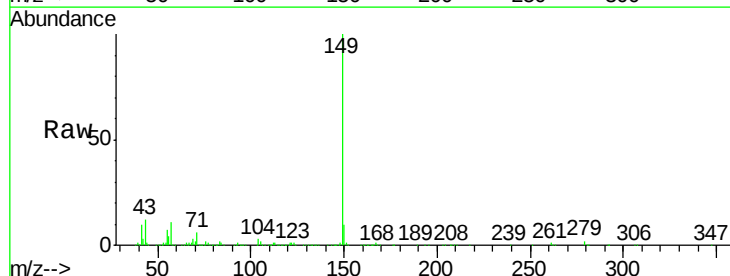
Instrument :
 BNA_F
 ClientSampleId :
 PB88135BS

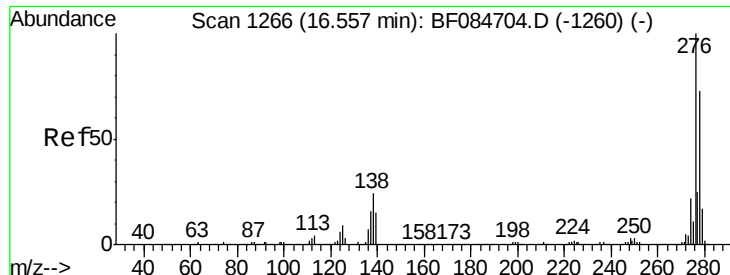
Tgt Ion:149 Resp: 829529
 Ion Ratio Lower Upper
 149 100
 167 26.4 19.7 29.5
 279 3.2 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 38.24 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Tgt Ion:149 Resp: 1276120
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.7 5.6 8.4#

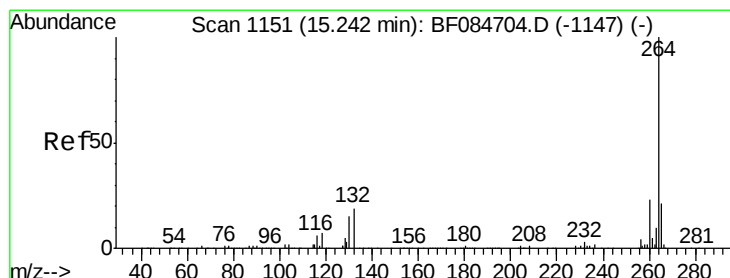
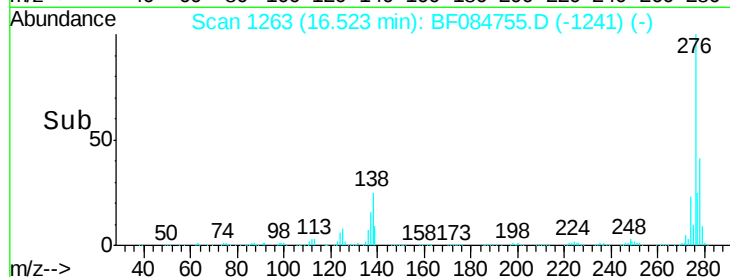
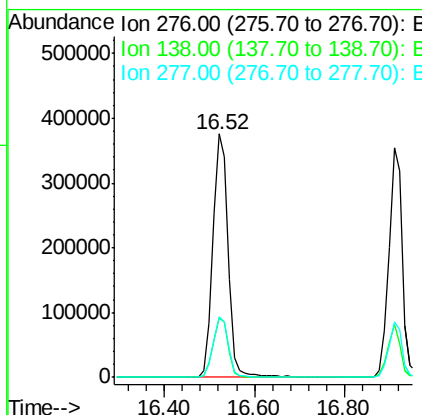
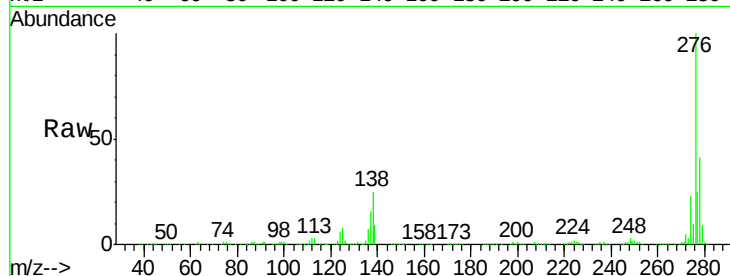




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.13 ng
 RT: 16.52 min Scan# 1263
 Delta R.T. -0.05 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

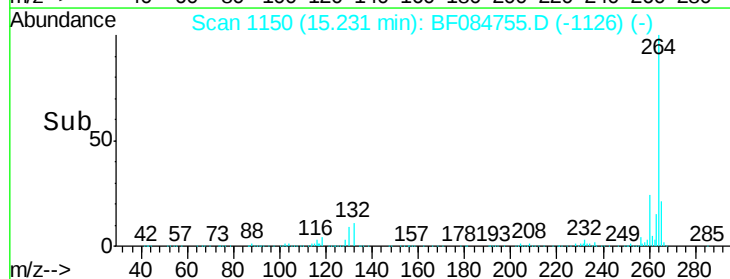
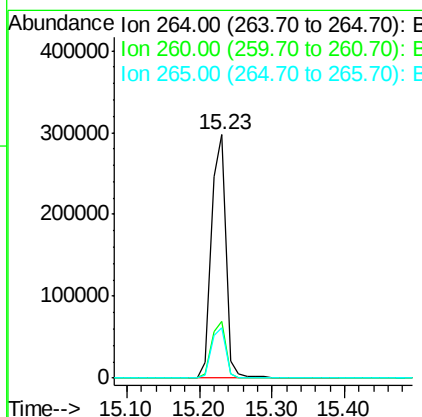
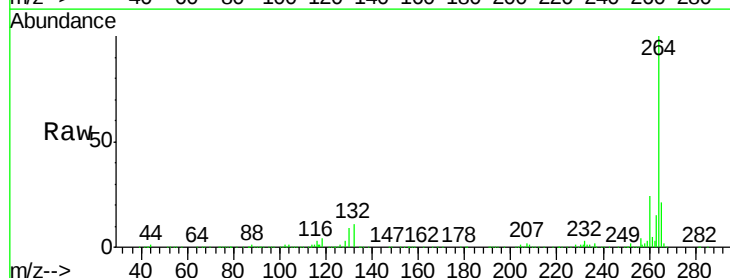
Instrument :
 BNA_F
 ClientSampleId :
 PB88135BS

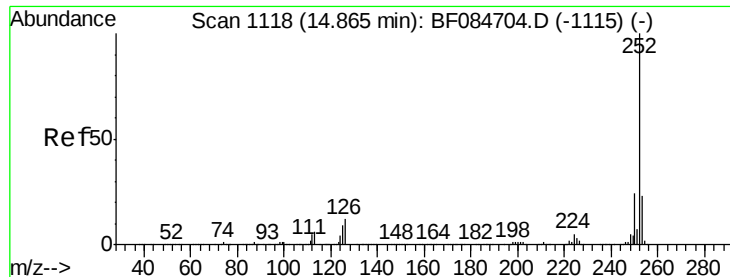
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.6	30.8
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF084755.D
 Acq: 2 Feb 2016 19:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	20.9	17.8	26.6

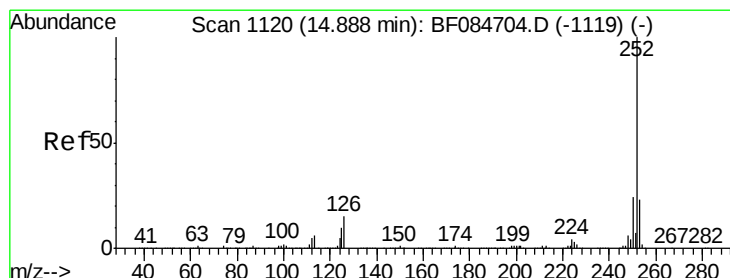
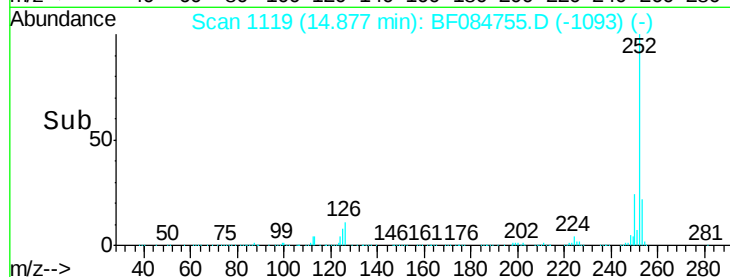
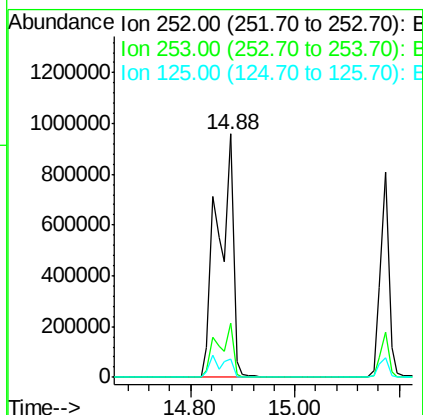
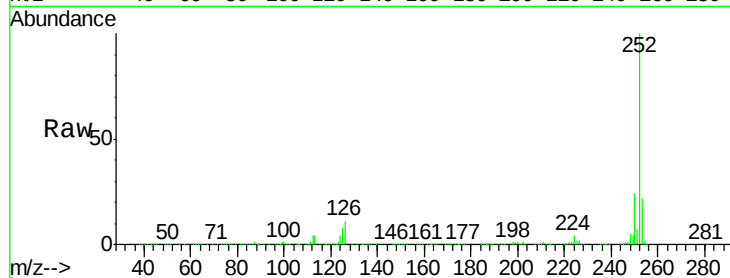




#87
Benzo(b)fluoranthene
Concen: 72.25 ng
RT: 14.88 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

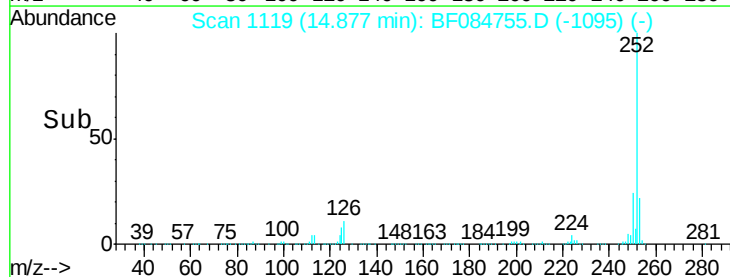
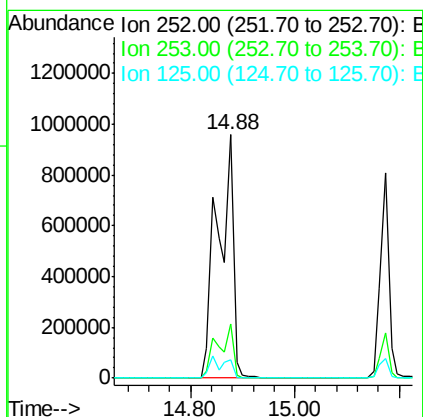
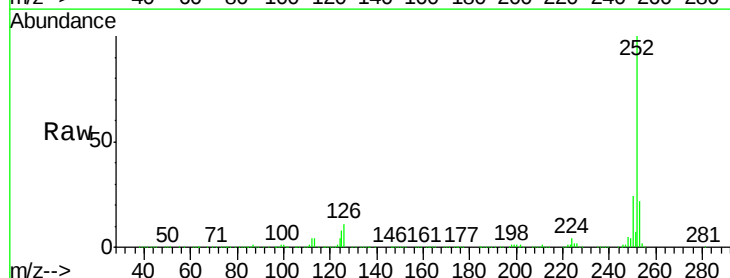
Instrument :
BNA_F
ClientSampleId :
PB88135BS

Tgt Ion:252 Resp: 1992849
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 7.7 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 87.39 ng
RT: 14.88 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF084755.D
Acq: 2 Feb 2016 19:36

Tgt Ion:252 Resp: 1992849
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 7.7 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 39.36 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS

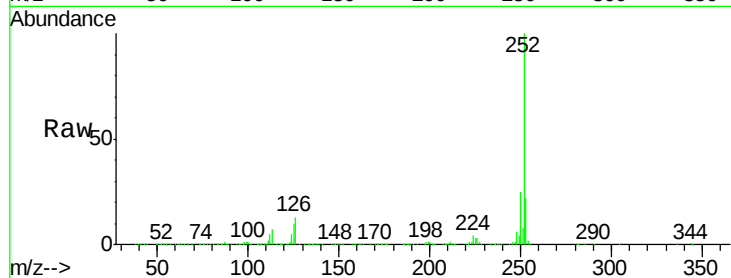
Tgt Ion:252 Resp: 924987

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

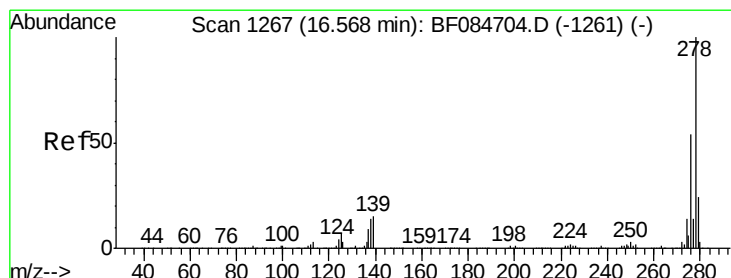
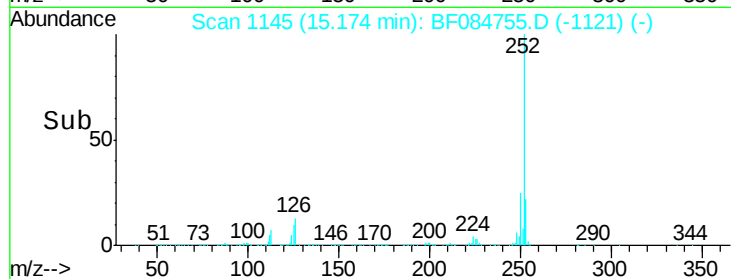
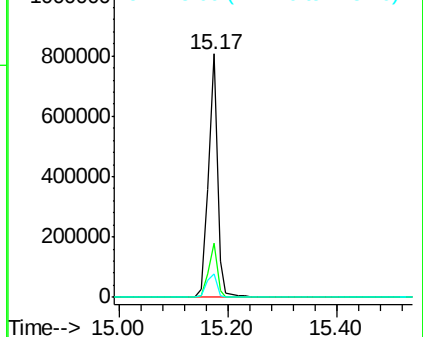
125 9.7 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.05 ng

RT: 16.53 min Scan# 1264

Delta R.T. -0.05 min

Lab File: BF084755.D

Acq: 2 Feb 2016 19:36

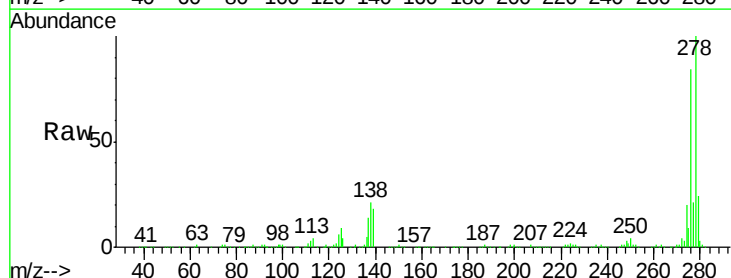
Tgt Ion:278 Resp: 732895

Ion Ratio Lower Upper

278 100

139 17.7 15.0 22.4

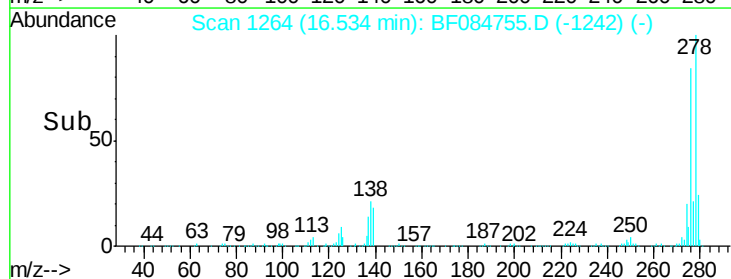
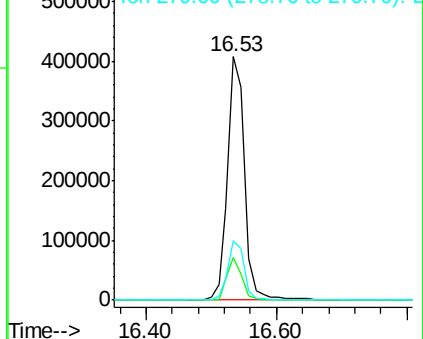
279 24.3 18.9 28.3

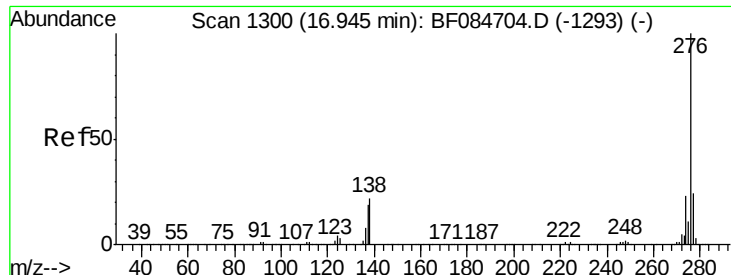


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.28 ng

RT: 16.91 min Scan# 1297

Delta R.T. -0.05 min

Lab File: BF084755.D

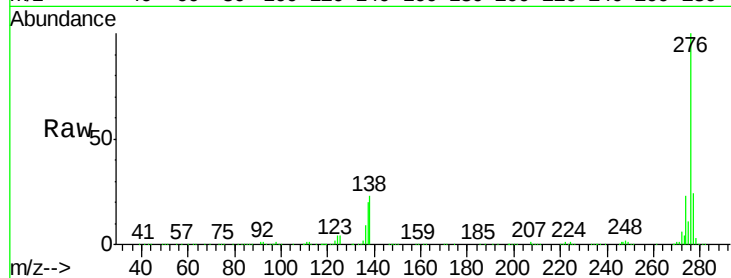
Acq: 2 Feb 2016 19:36

Instrument :

BNA_F

ClientSampleId :

PB88135BS



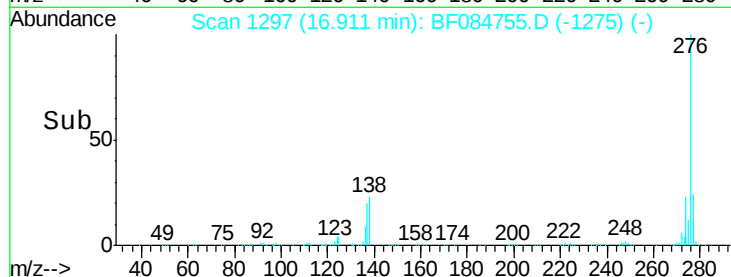
Tgt Ion: 276 Resp: 742957

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 22.9 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

